

Steven Ouandji

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Creative portfolio : <https://www.behance.net/stevenadrien>

To make effective use of this Resume; use CTRL+F!

Objective:

To showcase my Computer Engineering skillset, enumerate its technical background and evolution in the application of said skillset in order to assuage the worries of a Potential Lead, Client, or Contractor :)

Past Notable Functions of Employment:

Oklahoma City Community College, Oklahoma City, OK

- Facilities Management; functioning as *Mailman Clerk*

Texas State University Round Rock Campus, Round Rock, TX

- Alkek Library; functioning as *Library Assistant*

Taco Bell, Round Rock, TX

- 4301 Sunrise Rd; functioning as *Team Member: Service Champion*

Education:

Oklahoma City Community College, Oklahoma City, OK

- Associate in Science, Diversified Studies, Spring 2014

Rose State Community College, Midwest City, OK

- Associate in Science, Computer Engineering, Spring 2015

Austin Community College, Round Rock, TX

- Associate in Science, Computer Engineering, Spring 2017

Texas State University, Round Rock, TX

- Bachelors in Science, Computer Science, Spring 2021

Oracle Learning Library

- Oracle MOOC: Developing Chatbots with Oracle Intelligent Bots course

Cybrary.it

- CompTIA Security+ course

1WD.tv

- 3-month web development training

MIT OpencourseWare

- Computer Security Systems course

DataCamp

- Data Scientist – In Progress

Relevant Courseware:

- Music Fundamentals,
- Intro to Theatre,
- Intro to Visual Arts,
- Computer Drawing,

- Beginning Programming (C++),
- Digital Media Development,
- Intro to Public Speaking,
- Intro to Mass Communication,
- Intro to Multimedia,
- Principles of Financial Accounting,
- Music Appreciation,
- Introductory Nutrition,
- Professional Development for Engineers,
- Principles of Information Security,
- Engineering Graphics,
- Intro to Macroeconomics,
- Intro to Microeconomics,
- Digital Signal Filtering,
- Electrical Science,

Java,

- Data Structures,
- Intro to Engineering,
- Object-Oriented Programming,
- Database Programming,
- Ethics,
- DC Circuits,
- AC Circuits,
- Digital Fundamentals,
- Assembly Language,
- Cellular and Molecular Biology,
- AP Biology,
- AP Physics,

- Reading For Pleasure,
- Data Structures,
- Fundamentals of Networking,
- Discrete Mathematics,
- Software Engineering,
- Intro to Digital Media (from a software/bit-encoding aspect),
 - Intro to Database Systems,
 - Computer Architecture,
 - Computer Networks,
 - Software Testing,
 - Compiler Construction,
 - Cloud Computing,
 - Probabilities & Statistics,
 - Computer Graphics,
 - Operating Systems,
 - Data Mining & Information Retrieval,
 - UNIX Operating Systems II (Intro to Systems Administration),
 - Routers,
 - Machine Learning,
 - Linear Algebra
 - Intro to Data Mining
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Capacities:

- Programming Languages: C++, CSS, HTML, Java, Visual Basic, Pascal, SQL, R, JavaScript, PHP, Bash
- Operating Systems: Linux, Mac OS X, Windows.
- Technologies: Android Studio, MS Visual Studio, Eclipse, Adobe Creative Suite, MATLAB, SolidWorks, Screenflow, Handbrake, Final Cut Pro, WordPress, Rosetta Stone, Google Webmaster Tools, Google AdWords, MailChimp, AWeber, YouTube, JetPack, MS Office, Reason, Logic Pro, GarageBand, Skype, NI Multisim. Google Hangouts, Facebook Advertising, AutoDesk Inventor, Terminal, GitHub, Qt Creator, SQLite, Daemon Tools, Chameleon Cloud, Amazon Web Services, Tayasui Sketches, Lucidchart, Arduino, Arduino Software
- Skillsets: Sales, Marketing, Massage therapy, Software engineering (Android, Application, web), Lifecoach, Personal Trainer, Soccer Player, Networking, Self- development (Growth-oriented processes), Business Development & Operations, Data Analysis & Strategy, Web development, Production, Graphic Design
- Personal Factors:
 - African-born
 - Fluent in English and French. Proficient in Spanish, learning Mandarin.

Experience:

I've been an entrepreneur for a few years now, delving into the digital, wellness, and education space. I'm also working hard every day to fulfill my dream of becoming a ***gamechanger***; as a Professional Soccer Player, lifecoach, Strategist/Engineering Consultant, Healer/(Massage) Therapist, and Multi-Dimensional Producer.

Strategy/Business Development:

-I created a digital marketing package and helped launch a roadside assistance business; designing, launching, and

administrating their website, raising their sales and incoming leads using social media marketing and advertising, and producing most of their marketing assets--logo, graphics, and social media graphics. www.cddollarroadside.com

-I've enhanced the professional presence and significantly upgraded the marketing efforts of an online business by

generating brand marketing assets—business logo, and media assets for website header, social media, and Youtube accounts—

for the business.. www.karamel509.com

-I'm the founder of an online self-development resource whose goal is to be the change agent for its users, exposing

them to high-quality, higher-consciousness-lifestyle-oriented information that will empower them to undergo deep, identity-level change while teaching them billable skills, thereby enabling them to envision and design the life of their dreams. This resource has also enabled me to make use of the graphic design and videography skills learned in school; producing digital media assets—educational videos, self-development videos and graphics, using the Adobe Creative Suite, and other video editing tools like Screenflow, Handbrake, and Final Cut Pro. www.1wave.org.

-I am currently helping a startup, a music label, establish its online presence. You can see the current version of the website at Horton.1wave.org

-I am currently developing and launching an e-Commerce website for Latina Formal Wear, a clothing store. This will be seen at www.latinaformalwear.net

-I am enhancing the presence of auto supply and distribution

business by re-designing their website, and enhancing their e-Commerce features. This will be seen at www.retrorestoration.net

-I have created a website in order to assist and bolster the marketing efforts and showcase the works of a designer based in San Diego. You can see it at www.in2itive-design.com

-I have created a website for a local gym in order to enhance the digital presence, business operations, and marketing. You can see it at www.flexfitonline.com

-I have helped a digital vendor marketplace digital with its migration and data restoration process, instilling safeguard protocols in the process. This greatly helped in bolstering its digital presence, marketing, overall workflow, and gearing it for robust longevity in its e-commerce success! You can see it at www.ecolocalmarkets.com

-I have created a website that markets my web services, showcases my work, while educating those lacking the

finances to hire me but equipped with the will to succeed. In order to drive traffic and raise awareness to this website, I

employed Facebook Advertising along with Google Adwords. You can see the website at www.stevenouandji.com

-I have ran a marketing campaign with the goal of raising attendance for one of 1Wave's webinars, titled the *Power Of The Creative*, using social media, effective marketing strategies, and Google Hangouts.

-I have established the professional presence and kickstarted the marketing efforts of a personal trainer by generating his brand logo. His business is called *Corey Sayre Coaching Services*. This logo can be seen in my Creative Portfolio on Behance.net

Design

-I have completed a video splicing and editing project involving re-composing a video that was out synch for Mr.

Ricky Agrawal, using Adobe Premiere Pro. I matched the video frames to the accompanying audio for that scene, to the best of my abilities. Because this project was related to legal matters, I'm not at liberty to disclose the details of the project.

-I have performed a post-production wire removal service for

Mr. *Matt Page*, using Adobe After Effects.

-I've worked on various branding projects. My creative portfolio can be found at www.behance.net/stevenadrien

Développement

-I have facilitated the ordering process of a mobile food delivery business by developing an Android application for mobile devices, through the use of Android Studio. It is listed in the Google Marketplace as “**SpicyPlate**”.

-I have developed a driver's license test taking program that receives an answers key, then prompts a test taker for

his answers, and, based on the number of right and wrong answers, notifies him whether or not he passed the test. It allowed me to gain a deeper understanding of how vectors work within classes. This was done using C++.

-I have developed a parking garage business application. It provides functionalities and capabilities that tie to the

business administration and operation of a parking garage

business; setting parking prices, registering new parking passes, editing customer information, displaying relevant business and operations analytics. I'm currently working on implementing a full-fledged GUI using Qt Creator for this application and adapting a SQLite DB for data storage and retrieval purposes. This is being done using C++.

-I have developed a student budgeting program that holds an ideal budget amount, as a structure, for each

expenditure, receives the user's actual expenses for each expenditure, and analyzes their performance for the month. It allowed me to gain a better understanding of how structures work. This was done using C++.

-I have developed a savings account program that calculates the balance of a savings account at the end of a three-month period, asking the user for the starting balance and the annual interest rate. This was done using C++.

-I have developed a quantity discounts program that calculates and applies the appropriate discount (based on quantity sold) to the purchase price and displays the total cost. This was done using C++.

-I have developed a calendar program that calculates how many days there is in the month of the user's inputted date (asking for month and year), factoring in leap years. This allowed me to gain a deeper understanding into array index management, so to speak, and of how C++ interacts with native OS functions. This was done using C++.

-I have developed a payroll employee program that holds information—ID, hourly rate, and hours worked—for employees as arrays, and calculates gross wages and displays their information. This allowed me to gain a deeper understanding of the importance of using the right data types (especially the one that fits your digital space/memory needs), and of how arrays work with large amounts of data. This was done using C++.

-I have developed a searching program that searches for an ID number. This allowed me to gain a deeper understanding of the logic that goes into searching and sorting algorithms. This was done using C++.

-I have developed a Car driving simulator program that receives a Car's year, make, and model as an object, displays this information, and accelerates and brakes using class functions. It allowed me to gain a deeper understanding of how classes are developed. This was done using C++.

-I have developed an encryption program that displays the encrypted message and the original message inputted by the user. It helped me understand how strings interact within functions. This was done using C++.

-I have developed a attributes' editing program that implements an ADT Interface to modify the values (length

and width) of a Rectangle object, ensuring the values have been changed by monitoring its state, before calculating its area. It helped me understand how critically important it is to have a data infrastructure protect data and implement access controls of sorts, that implement protocols that ensures that only the people that should have access to the data have access to it. This was done using C++.

-I have developed a program that calculates the exponential value of a number by implementing recursive functions. This was done using C++.

-I have developed a program that simulates a set (a set is a structure that does not allow duplicate entries; think of marbles, an array set allows different colors or representations of different colors, but does not allow duplicate representations of the same color) by implementing an **Abstract Data Type (ADT)** Interface, arrays and vectors. It helped me understand the

limitations of arrays and vectors and the possible operations that can be done to them. This was done using C++.

-I have developed a program that simulates a bag (structure in which you add items to it, check the quantity of a particular item, check to see if a particular item is within the bag etc) by implementing an ADT Interface and nodes. It helped me gain a more in-depth understanding of how nodes and pointers work, but more importantly, how painful they are to work with hahahaha. This was done using C++.

-I have developed a postfix expression calculator that receives a postfix expression and evaluates the value of

that expression by implementing an ADT Interface and an array stack (structure in which you can only manipulate the top item, like stacking lunch plates on top of each other). This was done using C++.

-I have developed a program simulates a list (like a grocery list) by implementing an ADT Interface and an array. I then re-created it using nodes and pointers. This was done using C++.

-I have developed a program that implements the quicksort algorithm (sorts the first, middle and last elements, selects middle element as the pivot index; elements on the left of the pivot index are smaller than the pivot index and elements on the

right of the pivot index are greater than the pivot index) to put an array in order. This was done using C++.

-I have developed a program that creates a Binary Search Tree data structure by implementing an **Abstract Data Type (ADT)** Interface, nodes, and pointers. It really opened my eyes to new possibilities in regards to data organization; how you can **LITERALLY** give a multidimensional geometric structure to data and ways in which you can actively control how this data is traversed. This was done using C++.

-I have developed a parking management system whose goal is to facilitate the administration and business components of a parking garage business; it allows for an easy price-fixing of different parking pass tier, along with other capabilities that are inherent to the nature of issuing out parking passes — editing duration of a parking pass, parking pass policies, etc. This was designed in Adobe Illustrator and developed with C++.

-I have developed a payroll salary program that calculates and displays the salary of an employee, in accordance to the group—management or employee—the employee belongs to. It also calculates total amount of tax owed by the employee, per salary. This was done using Java.

-I have developed a restaurant menu order application, equipped with a Graphical User Interface that enabled the user to compose

his desired food order—through the use of radio buttons—leave special directions or dietary notes, and see how much he would have to pay in total, and in tips for his order. This was done using Java.

Engineering

-I have been blessed with some exposure to MATLAB, programming it to generate samples of sinusoid signals at varying frequencies.

-I have been blessed with some exposure to NI Multisim, programming it to test the calculations obtained by my

amazing teammates and I, using it to run simulations of what a varying theoretical electrical circuit systems designed by my team would look like.

-With the help of a formidable team, I have facilitated the operation of the irrigation model that is used by *Rose State*

College's Environmental Sciences department to depict the negative impact that environmental pollution causes on our drinking water by designing and producing an engineering

component using SolidWorks.

-With the help of a formidable team, I have facilitated the operation of a collision-avoidance robot that—in the same way that bats use soundwaves to navigate and move around in the world—generates soundwaves outwards that bounce back into the sensor when an object is in its way by designing and producing an engineering component that fastens and mounts the sensor onto the robot . This was done using **Autodesk Inventor**.

-With the assistance of an incredible team, I have designed and produced a **SumoBot** who placed top 10 in a section-wide class tournament : D. It was to sense an opposing bot in front of it, and push it out of the ring, while being able to adjust and re-position itself if it came near the edge of the ring without outside intervention. This was done using **Arduino**, **C++**, **National Instruments (NI) MultiSim** and **Arduino's Integrated Development Environment (IDE)** - **Android Studio**.

- I have designed and partially developed an Innovative Implementation to the **Transmission Control Protocol (TCP)**; one that makes or pays greater Regard to the **Management** and

Control of Data Packet Transmission along with the **Robustness, Assurance, and, thus, Quality of a Transmission Connection**. This was done using C++.

- I have designed and partially developed an Innovative Implementation to the **Top-Down Construction** of an **Interpreter's Dictionary-Lexicon**, and, thus, the way it approaches **Syntax Construction** and **Form Audit- Validation** when it comes to the **Processing Phase of Compiling Code Instructions**; one that makes or pays greater Regard to the **Objective Reality's Interpretation of a Token**, thereby **Optimizing its Effective Execution Time for Input**, while, simultaneously, **Upgrading its Pattern Recognition Ability** by making **Sound Use of the Storage Space Allocated for the Language's Lexicon**—the bit that takes care of **Object2Value Mapping**. This was done using C++.

- I have designed, developed, launched and tested a **Virtual Computing Instance; Ensuring a Sound and Secure Environment Deploy Configuration** that gears it for, **Self-Sustainable&&Self-Sustaining, Reliability and Robustness with a Penchant for Long-Term Operation**. This was done with Chameleon Cloud, Amazon Web Services, Lucidchart, and Tayasui Sketches.

-I have developed a **Natural Resource Management System** whose goal is **to question conventional Presumptions and**

Ideas about what a Natural Resource is while, simultaneously, to facilitate the cataloguing and retrieval of any piece of data related to a particular Natural Resource based on a set of criteria. This was designed in Adobe Illustrator, and Lucidchart and developed with SQL.

Healing Arts

-I have eased and alleviated the burden and pain caused by arthritis and fibromyalgia upon a retired United States

Navy veteran using the healing arts of Massage Therapy. Veteran's name is *Phil Jackson* in Norman, Oklahoma.

-I have eased and alleviated the burden and pain caused by arthritis upon an Oklahoma best-seller writer using the

healing arts of Massage Therapy. *Brad Robison*, Oklahoma City, Oklahoma.

-I have eased and alleviated the burden and pain caused by stress upon a locally-acclaimed Architect, and pillar of the

community using the healing arts of Massage Therapy.
Architect's name is *Marc Krittenbrink* in Norman, Oklahoma.

-I have fostered my green thumb, and my love, appreciation, and respect for the natural environment by being a groundskeeper ; tending to small shrubs and plants, uprooting weeds while applying insect and plant repellants, and taking care of general maintenance upkeep . *Kathy Heiple*, Norman, Oklahoma.

Soccer/Urban Development

-Blessed with the opportunity through National Instruments, and empowered with a phenomenal team, I have won the 2012 Copa Esperanza soccer tournament.

-Blessed with the opportunity through Ecole Internationale d'Angola or Luanda International School , I have had the experience of winning the Peace Prize Award and having it awarded by the *President of Angola*.

-To cultivate my work ethic and foster a love to be a contributing member of society, I've sought out volunteering

opportunities and have had the opportunity to serve *Habitat for Humanity*, *Cancer Society for America*, *Invisible Children*, and *Full Circle Adult Care*. I've also been a participant of the *Crop Walk – Walk for Hunger*.

-To cultivate my spiritual development, I was part of Team 3 *Christ Renews His Parish* as a participant, and then part of

Team 4 *Christ Renews His Parish* as an organizer in Austin, TX, and a part of *Sooner Awakening 2013* as a participant in Norman, Oklahoma.

-To cultivate and foster my social skills and my ability to relate with women in a healthy and authentic way, while

gaining a more in-depth idea of self-development and how to work on becoming the strongest version of myself and

unleash my potential, I've attended a seminar organized by *Real*

Social Dynamics in Austin in 2014.