

**EDUCATION****Franklin & Marshall College, Lancaster, PA**

Computer Science Major, Degree expected spring 2019

- ❖ Dean's List: 6/6 Semesters
  - ❖ Certificate of Outstanding Achievement (University of Auckland study abroad)
  - ❖ GPA: 3.5
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**WORK EXPERIENCE****Anacaona**

Co-Founder, Software Engineer, April 2017 - Present

- ❖ Designed and developed KreyolDict (a visual dictionary application and social platform)
- ❖ Integrated libraries and tools into KreyolDict such as Firebase Authentication, Firestore, and Glide
- ❖ Migrated code base to follow the MVP architecture which led to an increase in flexibility and organization
- ❖ Implemented daily automatic trending post detection using Node.js and Google Cloud Platform

**Philadelphia VIP**

Operations & Administrative Intern, May 2017 - August 2017

- ❖ Facilitated migration of over 100 documents from former office storage system to a cloud-based platform
- ❖ Updated over 400 entries in the company database system by finding relevant fields across several projects
- ❖ Conducted internal analysis of organization spaces to optimize volunteer attorney and client interactions

**Fire Starter Group**

Web Developer, July 2015 - September 2015

- ❖ Created and managed websites with other developers both locally and remotely, for 5 clients using HTML, CSS, and Wordpress

**Shadek-Fackenthal Library, Franklin & Marshall College**

Technology Tutor, September 2015 - Present

- ❖ Assisted patrons (3 - 6 each shift) with use of software and machines including 3D printers and a large-format printer to enable them to succeed with academic projects, campus related events, and artistic pursuits
  - ❖ Helped students and professors with trouble-shooting technological problems
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**PROJECTS****KreyolDict**

An image based dictionary Android application for Haitian Creole.

- ❖ Built with Java, Android Studio, and JavaScript (Back end)
- ❖ Wrote a fully functional authentication and account system that supports Google, Facebook, and Twitter sign-in via Firebase
- ❖ Created an image-rich homepage that supports scrolling through thousands of pictures (including gifs) fetched from an online database

**Process Scheduler Simulation**

A program that controls how much CPU time is allocated to a process, and the order in which processes are given CPU time.

- ❖ Built with C++
- ❖ Wrote over 50 unit tests with the Catch framework
- ❖ Designed an algorithm that makes use of a Red-Black tree to distribute CPU time to processes based on how much time they have already used

**Theater Booking Server System**

A server-client system for organizing and recording data about booking theaters/lecture halls.

- ❖ Built with Java and IntelliJ
  - ❖ Utilized fundamental OOP principles such as polymorphism, inheritance, and code reuse
  - ❖ Documented with meaningful comments
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**SKILLS**

**Programming Languages:** Java, Python

**Software:** Android Studio, Blender, IntelliJ IDEA, Excel, GDB, gcov, lcov, PyCharm, Unity, SQL

**Activities:** Mobile application development, Desktop program development, Game development