Djimmitry Graham

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Education

Florida Atlantic University, *Boca, FL*   **Fall 2022**
Bachelor of Science – Computer Science
CS Certificate – Data Analytics
GPA: 3.4

Relevant Coursework

- Engineering Design I/II with Final Project, Design/Analysis of Algorithms, Data Structures, Computer Operating Systems, Mobile App Projects, Organic Chemistry 1,2 & Organic Chemistry Lab

Technical Skills

- <u>Languages</u>: C/C++, JavaScript, Java, Python, SQL
- <u>Web Development</u>: HTML5, CSS3, PHP
- <u>Software</u>: XCode, Visual Studio Code, Android Studios, UCSF Chimera

Academic Projects

AWS TwinMaker, *Senior Design Project, Engineering Design I/II*   **Fall 2019 – Summer 2022**

- With a team, developed a digitized 3D version of the FAU library using AWS services.
- Demonstrated on Grafana, showcasing computer availability, occupancy and more to students and faculty.
  - Tools used: AWS TwinMaker, AWS Timestream, Amazon Managed Grafana…

Sorting Algorithm App, *Florida Atlantic University.*   **Fall 2022**

- Using knowledge of sorting algorithms, coded a project that uses merge sort to organize values within an array, then animating the sorting function using JavaScript.
- Plans to transform the project into a dynamic game, where users can test their knowledge on cities by population, countries by number of cities and more.

Weather App, *Mobile App projects, Florida Atlantic University.*   **Summer 2021**

- Created a web app where users may glean information about weather, given a location or zip code.
- App fetches weather/geolocation information using OpenWeather API and Google maps API.

Stock App, *Mobile App projects, Florida Atlantic University.*   **Summer 2021**

- Created an app where users can learn information on current stocks as well as keep up with stock market news by pulling information from a stock API.

Work and Internship Experience

Federal Work-Study Student Assistant, *FAU Foundation, Florida Atlantic University*   **Fall 2018 - Present**

- Front desk duties, namely logging incoming check donations to FAU colleges (Medicine, Business, etc.)
- Processed/scanned check request and requisitions from college administrators.
- Helped coordinate events (fundraising, meetings) for FAU officials (Vice President, President assistant)

Biochemistry Lab Mentee, *Florida Atlantic University*   **Fall 2017 - Spring 2019**

- Funded by Office of Undergraduate research and Inquiry (OURI) to develop and present a novel peptide formation.
- Practiced several lab techniques such as thin layer chromatography (TLC), peptide synthesis and more.
- Learned to use peptide visualization software such as UCSF Chimera.

Awards and Scholarships

- MLK Scholarship   **January 2018 – December 2022**
- National Science Foundation (NSF) Scholar
- Senior Design Showcase Winner
- First Generation Scholarship
- Bright Futures