Robed Beauvile

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EDUCATION

University of Pittsburgh   Pittsburgh, PA
Master's Degree in *Applied Mathematics*   December 2019
Cumulative GPA: 3.83/4.0
Relevant Courses: Javascript Programming, Unix Tools , Linear Algebra and Matrices
Honors: Dean's List Scholar, K. Leroy Irvis Fellowship, Magna Cum Laude

Florida State University   Tallahassee, FL
Bachelor's Degree in *Mathematics*   August 2017
Cumulative GPA: 3.9/4.0
Relevant Courses: Object Oriented in C++, Graph Theory, Statistics and Probability
Honors: President's List Scholar, SSF Scholarship Recipient, Summa Cum Laude

PROJECTS & EXTRACURRICULARS

Analysis of Algorithms Collection Github
Coursera E-learning   October 2020
- Solved and coded 50+ problems with 725+ test files for Stanford University's and UCS's Coursera Series.

- Utilized appropriate data structures and algorithms e.g. graphs and breath-first search to program Dijkstra's shortest path.

Tools: Python, unittest, JavaScript, QUnit API

Relational Databases & Set Theory Webinar Github
University of Pittsburgh   May 2020
- Invited as the special guest speaker for 2 seminars in relational databases and its relation to set theory, 15 attendees.

- Designed a database to provide an example of SQL relational databases for the 2nd seminar.

Tools: MySQL, PHP, Microsoft Office

AI Calculus Tutor Bot Github Website
E-learning Application   April 2020
- Launched a web responsive Django application and engineered a retrieval based chatbot API with 20+ intents.

Tools: Python, JavaScript, NLTK, Tensorflow, SQLite Database

WORK EXPERIENCE

BlueToad Inc.   Orlando, FL
Web Developer (Front End)   August 2020 – October 2020
- Tested, debugged, and built code that works across multiple browsers and digital platforms.

- Involved in the development and implementation of web technologies that executed front-end interfaces.

University of Pittsburgh   Pittsburgh, PA
Graduate Teaching Fellow & Lecturer   September 2018 – June 2020
- Taught and tutored courses in Calculus 1, 2, 3, Linear Algebra, and Advanced Mathematics.

- Collaborated with 6 - 10 faculty members to maintain a portfolio of 250+ students each semester.

- Composed and presented course material to 50+ students in 6 weeks, achieved a 93% passing.

Florida State University   Tallahassee, FL
Undergraduate Researcher & Programmer   August 2016 – March 2017
- Proved that the Binary Tree data structure has a Tamari (Weak) ordering. Publication

- Lead meeting 1-2 times a week for project management and weekly review sessions.

SKILLS & ACTIVITIES

Languges: Python, JavaScript
Experience with: C/C++, PHP, React, Node.js

Activities: STEM Mentoring Program, Vice President of Robotics Club (MDC)