Robed Beauvile

Orlando, Fl · 8503540565 · robedbeauvile@gmail.com · github.com/beauvilerobed

linkedin.com/in/robed-beauvil/

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

Design and Analysis of Algorithms and Data Structures
Coursera E-learning Github   October 2020
- Solved, analyzed, and coded 50+ problems with 725+ test files from Stanford University's and UCS's Coursera Series.
- Utilized appropriate data structures like graphs and queues to program algorithms such as Dijkstra's shortest path.

Tools: Python, unittest, JavaScript, QUnit API

Relational Databases & Set Theory Webinar
University of Pittsburgh   Github | Talk 1 | Talk 2   May 2020
- Invited as the special guest speaker for 2 seminars in relational databases and its relation to set theory, 12 attendees.
- Designed a database to provide an example of SQL relational databases for the 2nd seminar.

Tools: MySQL, PHP, Microsoft Office

Calculus Calculator with Chatbot API
E-learning Application Github | Website   April 2020
- Launched a fullstack Django application with an integrated retrieval based chatbot API with 20+ intents.

Tools: Python, JavaScript, NLTK, TensorFlow

WORK EXPERIENCE

BlueToad Inc.   Orlando, FL
Junior Frontend Developer   August 2020 – October 2020
- Involved in the development and implementation of web technologies that executed front-end interfaces.
- Tested, debugged, and built code that works across multiple browsers and digital platforms.

University of Pittsburgh   Pittsburgh, PA
Graduate Teaching Fellow & Lecturer   September 2018 – May 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 Binary Tree data structures produce a Tamari ordering in a formal proof management system.
  Publication

SKILLS & ACTIVITIES

Languges: Python, JavaScript
Experience with: C/C++, PHP, React, Node.js
Activities: STEM Mentoring Program, Vice President of Robotics Club (MDC)