

Robed Beauville

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EDUCATION

University of Pittsburgh

Master's Degree in Applied Mathematics

Cumulative GPA: 3.83/4.0

Pittsburgh, PA

December 2019

Florida State University

Bachelor's Degree in Mathematics

Cumulative GPA: 3.9/4.0

Tallahassee, FL

August 2017

Relevant Courses: Fundamentals in Computer Science, Object Oriented in C++, Statistics, Unix Tools, Linear Algebra and Matrices

Honors: President's & Dean's List, SSF Scholarship Recipient, Summa Cum Laude, Magna Cum Laude, K. Leroy Irvis Fellowship

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

PROJECTS & EXTRACURRICULARS

Design and Analysis of Algorithms and Data Structures

Coursera E-learning [Github](#)

October 2020

- Analyzed and completed 50+ problems with 725+ test files from Stanford's University and UCS's course.
- Constructed data structures including graphs for algorithms such as Dijkstra's shortest path, passed 100% of tests.

Tools: Python3, Unittest, JavaScript, QUnit API

Relational Databases & Set Theory Seminar

University of Pittsburgh [Github](#) • [Talk 1](#) • [Talk 2](#)

May 2020

- Executed 2 seminar speaking events in relational databases, 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 [Github](#) • [Website](#)

April 2020

- Launched and hosted a fullstack Django application with an integrated retrieval based chatbot API with 20+ intents.

Tools: Python3, HTML5, CSS3, NLTK, Keras, JSON

Personal Website [Github](#) • [Portfolio](#)

November 2020

- Deployed a responsive multiply platform developer portfolio on Github pages.

Tools: ReactJs, Node.js, Git, HTML5, CSS3, SCSS

WORK EXPERIENCE

BlueToad Inc.

Orlando, FL

Junior Frontend Developer

August 2020 – October 2020

- Refined, tested, and debugged JavaScript (ES6) code that executed functionalities within HTML5 based templates.
- Engaged in weekly product discussion meetings and explained current managed projects and issues, a team of 7.

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 in a team of 6 - 10 faculty members to maintain a portfolio of 250+ students each semester.
- Cultivated 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, in 100+ lines of code, that Binary Tree data structures produce a Tamari ordering, [Publication](#).
- Orchestrated weekly meetings 1- 2 a week for project management and review sessions.

SKILLS

Languges: Python3, JavaScript (ES6)

Experience with: C/C++, SQL, React, Node.js, HTML5, CSS3, SASS, PHP