

Robed Beauville

Phone: (850) 354 0564 • **Email:** robedbeauvil@gmail.com • **Linkedin:** www.linkedin.com/in/robed-beauvil/**Github:**

www.github.com/beauvilerobed **Portfolio:** beauvilerobed/Portfolio/

EDUCATION

University of Pittsburgh

Masters of Arts in Applied Mathematics, Cumulative GPA: 3.86/4.00

Pittsburgh, PA

December 2019

Florida State University

Bachelors of Science in Mathematics, Minor: Computer Science, Cumulative GPA: 3.90/4.00

Tallahassee, FL

June 2017

Relevant Courses Work: OOP in C++, Intro to UNIX, Data Structures and Algorithms, Theory and Structure of Databases, Intro to Machine learning, Optimization, Matrices and linear algebra, Mathematical Finance, Statistics and Probability.

Honors: K. Leroy Irvis Fellowship, President's list, Honors in the major, Southern Scholarship Foundation Award

LANGUAGES

Proficient in: PHP, Python3, HTML5, CSS, Git, UNIX Scripting (bash), Matlab, Web development, C++, MySQL, JavaScript, SASS, Tableau.

Work regularly with: Visual Studios, Flask, Django, Bootstrap, Heroku CLI, AWS, EC2, S3, IAM, Ubuntu environment, Microsoft Excel, Node.js, React, Linux/UNIX, LAMP, XAMPP, JSON, D3.js, PhpMyadmin, Atom, MariaDB, AJAX, jQuery, XML.

RELATED EXPERIENCE

sFITNESS Fitness & Wellness App

Founder

Orlando, FL

May 2020 – Present

- Researched, developed, and debugged an automated personal trainer using React and PHP and wrote 3000+ lines of code.
- Deployed on the AWS cloud service EC2 using an Ubuntu virtual server, bash CLI, MariaDB database.
- Implemented the Fisher-Yates shuffle algorithm to display 1-7 random food recommendation that increased User Experience.
- Produced a TDEE algorithm which reduces user's weight by 4% - 12% in 4 weeks.

Calctutor-bot E-learning App

Creator

Pittsburgh, PA

March 2020 – May 2020

- Reused 20% of open source code to design, develop, and test a responsive instruction based application in Django.
- Administered D3.js to produce interactive step-by-step instructions for solving calculus problems and developed a retrieval based chatbot API, from scratch.
- Conducted usability tests, 10 user interviews with 90% positive reviews and collected data to improved User Experience.

University of Pittsburgh

Graduate Teaching Fellow/ Lecturer

Pittsburgh, PA

August 2018 – May 2020

- Created and presented course material to approximately 50 students in 6 weeks with 93% passing rate.
- Entrusted with weekly decision making and judgment regarding course flow and material.
- Updated and maintained a portfolio of 100+ student's employing Microsoft excel, each semester.

Florida State University

Math logic and Computer Science Researcher

Tallahassee, FL

August 2016 – May 2017

- Spearheaded a thesis project with a tenured professor to successfully produce an original result with 100+ lines of code.
- Proved that an attachment between two node data types in COQ (an automated proof assistance system) can define an "ordering" of binary trees.

PROJECTS

TWITY - Microblogging App [Website](#) [Github](#)

Spring 2020

- Designed and tested 10 profiles to check user-to-user interaction. Deployed using Visual Studios, Heroku CLI, and Git.

Notepin - Note Taking App [Website](#) [GitHub](#)

Spring 2020

- Established a user authentication system in Flask. Constructed the front-end making use of bootstrap, Javascript, and Jinja2.

The world's hardest game - mini Project [Github](#)

Fall 2019

- Reengineered a guessing game to include 26 levels in C++, from scratch. Level 1 is impossible and 26 is a guaranteed victory.

PUBLIC-SPEAKING

Let's Learn SQL through Set Theory! Part 1 (Webinar) [Talk](#)

Summer 2020

- Collaborated with a team of 4 UMS committee members to give a presentation about the basics of SQL using powerpoint.

Let's Learn SQL through Set Theory! Part 2 Application (Webinar) [Talk](#)

Summer 2020

- Showcased a newly built database utilizing phpMyAdmin, MAMP, HTML, and CSS to 15+ undergraduate/graduate students.

SKILLS

Soft Skills: Consistent, Continuous Research and Learning, Curious, Cooperative, Flexible, Detailed-focused, Motivated, Dedicated