

ROBED BEAUVILE

Winter Park, FL, 32789 | (850) 354-0565 | github.com/beauvileroberd | beauvileroberd.github.io/Portfolio/ | linkedin.com/in/robed-beauvil/ | robedbeauville001@gmail.com

EDUCATION	EXPERIENCE
<p>M.A. in Applied Mathematics University of Pittsburgh Pittsburgh, PA, 2019 GPA: 3.86/4.00</p> <p>B.S. in Mathematics Florida State University Tallahassee, FL, 2017 GPA: 3.90/4.00</p> <p>Curriculum: Object-Oriented Programming, Data Structures and Algorithms, Javascript, Relational Databases, Machine Learning, and Linear Algebra.</p>	<p>GRADUATE TEACHING FELLOW / LECTURER University of Pittsburgh - Pittsburgh, PA, 08/2018 - present</p> <ul style="list-style-type: none">• Collaborated with 6-10 faculty members to maintain a portfolio of 250+ students each semester• Taught and tutored courses in Advanced Mathematics, Calculus, College Algebra, and Linear Algebra• Composed and presented course material to 50+ students in 6 weeks Achieved a 93% passing rate. <p>MATH LOGIC AND COMPUTER SCIENCE RESEARCHER Florida State University - Tallahassee, FL, 08/2016 - 05/2017</p> <ul style="list-style-type: none">• Programmed a new mathematical result in 100+ lines of code. Team of 2• Proved that 2 node data types have a partial ordering in a formal proof management system. Result• Lead meetings 1-2 times a week for project management and weekly review sessions.
SKILLS	PROJECTS
<p>Activities/Awards: STEM Mentoring Program, Vice President of Robotics Club, Dean & President List, Summa Cum Laude, Magna Cum Laude.</p> <p>Languages: Python, JavaScript, PHP</p> <p>Libraries/ Frameworks: React, ReactJs, Node.js, Node, Django, Flask, Bootstrap, D3.js, jQuery</p> <p>Working Knowledge of: C++, HTML5, CSS3, Bash scripting, Git, SQL Database, XML, SSL, Responsive Web Apps</p> <p>Web Servers: Apache, Nginx</p> <p>Services/Software: IAM, Amazon web services AWS, Elastic Cloud Services EC2, Visual Basics, Heroku CLI</p>	<p>Full Stack Fitness Training, 05/2020 - present, Github, Website.</p> <ul style="list-style-type: none">• Implemented the Fisher-Yates algorithm to display 1-7 food recommendations.• Wrote 2000+ lines of well organized maintainable code. Used MVC best practices and Agile methodology. <p>Tools: PHP back-end, CSS, React Javascript, MySQL SQL Server, Bootstrap, XAMPP, AWS, Elastic Cloud</p> <p>A.I. Calculus Tutor Bot, 03/2020 - 04/2020, Github, Website.</p> <ul style="list-style-type: none">• Launched a mobile responsive Django calculus compute engine.• Engineered a retrieval based chatbot API with 20+ response. Wrote and debugged Test Automation cases.• Directed 10 surveys, 1 focus group, and 15 user interviews, 90% positive review. <p>Tools: Python back-end, Javascript, HTML, CSS, JSON, AJAX, Django, Tensorflow, NLTK, D3.js, SQLite Database</p> <p>Relational Databases & Set Theory Webinar, Univ. of Pittsburgh, 05/2020 - 05/2020, Github, Talk 1, Talk 2.</p> <ul style="list-style-type: none">• Invited as the special guest speaker of 2 seminars about 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. <p>Tools: MySQL Database, PHP back-end, MAMP stack, HTML / CSS front-end, Microsoft PowerPoint, Zoom Webinar Software</p> <p>Personal Website, Github, Portfolio, Deployed developer portfolio on Github pages. Tools: ReactJs, Node.js, Git, HTML/CSS</p> <p>TWITTER Microblog, Website, Github, Built a full stack and responsive social blogging website. Tested 10 profiles. Tools: Python, jQuery, Bootstrap, Jinja2, HTML, CSS, SQL</p>