Robed Beauvile

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SKILLS

- **Proficient in:** PHP, Python, JavaScript **Working Knowledge**: C++, SQL, HTML5 / CSS, Bash shell scripting, Git, SQL Database, XML, Tableau, Mobile Responsive Design, SSL, HTTP Protocol, Web Apps, CI/CD
- **Familiar with:** Laravel, Software Development Lifecycle SDLC, RESTful API, RPC APIs, C, C#, UX design
- **Web Server:** Apache, Nginx **OS:** Windows, Linux/UNIX, macOS, Ubuntu, Android
- **Software and Services**: IAM, Amazon web services AWS, Elastic Cloud Services EC2, Heroku CLI, Visual Basics
- **Libraries / Frameworks:** React, ReactJs, Node.js, Node, Django, Flask, Bootstrap, D3.js, jQuery
- **Soft Skills:** Excellent Communication Skills, Innovative, Collaborative, Self Motivated, Creative

EXPERIENCE

S-fitness automated personal trainer, Orlando, Fl
Founder / Developer, (05/2020)-Present
Implemented the Fisher-Yates algorithm to display a 1-7 row food nutrition tables. Improved user experience (UX). (Website)
Developed algorithms in the back-end that decreases the user's weight by 4% - 12% in 4 weeks. (Github)
Wrote 3000+ lines of well organized maintainable code. Used MVC best practices and Agile methodology.
Tools: PHP back-end, CSS, React Javascript, MySQL SQL Server, Bootstrap, XAMPP, AWS, Elastic Cloud

A.I. Calculus tutor bot, Pittsburgh, PA
Creator / Developer, (03/2020)-(04/2020)
Launched a mobile responsive Django calculus compute engine. Used and modernized bit of open source code and modules.
Engineered a retrieval based chatbot API with 20+ response. Wrote and debugged Test Automation cases. (Github)
Directed 10 surveys, 1 focus group, and 15 user interviews, 90% positive review, Improved user experience(UX) (Website)
Tools: Python back-end, Javascript, HTML, CSS, JSON, AJAX, Django, Tensorflow, NLTK, D3.js, SQLite Database

University of Pittsburgh (UMS), Pittsburgh, PA
Speaker / Communicator, (05/2020)-(05/2020)
Partnered with 4 UMS committee members to give 2 seminars about relational databases in a non-technical way.
Designed a database to provide an illustration and discussion of SQL relational databases, 15 attendees. (Talk 1, Talk 2)
Tools: MySQL Database, PHP back-end, MAMP stack, HTML / CSS front-end, Microsoft PowerPoint, Zoom Webinar Software

University of Pittsburgh, Pittsburgh, PA
Graduate Teaching Fellow / Lecturer (08/2018)-Present
Collaborated with 6-10 faculty members to maintain a portfolio of 250+ students each semester. Employed Microsoft Excel.
Composed and presented course material to 50+ students in 6 weeks. Achieved a 93% passing rate.

Florida State University, Tallahassee, FL
Math Logic and Computer Science Researcher, (08/2020)-(05/2017)
Lead the ideation and technical development of a thesis project. Achieved an original result in 100+ lines of code. Team of 2.
Proved that 2 node data types have a partial ordering in COQ software, a formal proof management system. (Result)
Lead meetings 1-2 times a week for project management and weekly review sessions.

PROJECTS

TWITTY Microblog: Utilized SQLALchemy ORM for a user follow feature, tested 10 user profiles. (Website, Github)
Notepin app: Implemented an authentication form. Fortify MVC learning. **Tools:** Flask, Python, Javascript. (Website, Github)
Personal Website: Deployed developer portfolio on Github pages. **Tools:** ReactJs, Node.js, Git, HTML/CSS (Portfolio)

EDUCATION

Master of Arts in **Applied Mathematics,** 2019, **University of Pittsburgh,** Pittsburgh, PA, **GPA**: 3.86/4.00
Bachelors of Science in **Mathematics,** 2017**, Florida State University,** Tallahassee, FL, **GPA**: 3.90/4.00
Curriculum: Javascript programming language, Responsive Web Design and Software Applications, Web Applications Development, Relational Databases, IT / Operating Systems, Data Analysis, Agile (Scrum) Development, SEO Optimization, Object-Oriented Programming/MVC/MVVM, Linux/ Unix tools, Web Development and Basic Web Architecture
Activities: STEM Mentoring Program, Vice President of Robotics Club, SSF Media Coordinator, SEO Member