Joey Colon

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Education

University of Central Florida   Aug. 2018 - May 2021
B.S. Information Technology – Emphasis in Software Engineering   GPA: 3.87
Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Operating System Concepts, Database Concepts, Computer Architecture, System Administration, C Programming, Human-Computer Interaction

Experience

LSQ – Invoice Financing Fintech   Jan. 2019 - Apr. 2019
Software Engineer Intern   Orlando, FL

- Created a Connect Bank Account feature on primary Angular application that allows clients to instantly connect their bank accounts utilizing Plaid API.
- Refactored the SMS Invoice Uploading system on primary Angular application to allow clients to upload invoices from their mobile device on several different areas of the application.
- Debugged/resolved critical errors in existing integration-tests and created additional tests to ensure website functionality is preserved.
- Resolved browser-specific bugs and implemented user-interface changes to enhance user-experience.

Skills

Languages:	JavaScript, TypeScript, PHP, Java, Python, C
Technologies:	Node.js, Git, Docker, Linux, NGINX, Apache, MySQL
Frameworks:	Angular, React.js, Vue.js, Laravel, Flask, Bootstrap, Selenium

Software Engineering Projects

Enigma *React.js, Socket.io, Docker, Go, JavaScript*

- Developing an online code editor and terminal emulator application that allows for remote code execution and live user collaboration through the use of Docker containers.

SyncTube *Angular, Node.js, Socket.io, JavaScript, TypeScript*

- Created a single page web application that allows for multiple people to watch YouTube videos together utilizing socket communication for synchronized playback.

woofbot.io *Angular, Node.js, JavaScript, TypeScript, PHP, AWS, Google Cloud*

- Developed chatbot that uses woofbot API which is currently in over **100 Discord chat servers** casting out to a total of **over 50,000 people**.
- Deployed a website/public API service that generates dog pictures utilizing a pool of pictures scraped from Instagram.
- Utilized Google Vision AI to conduct automated filtering of non-relevant images.
- Produced API documentation to guide developers how to generate pictures utilizing woofbot API.

SecretElo *Laravel, Vue.js, PHP, JavaScript, MySQL*

- Created a full-stack dashboard application used to help connect high-skilled gamers in an online game to raise the rating of people's accounts for money.
- Website features include payment gateway processing, real-time payment calculators, real-time chat, user management system.

Team Projects

UCF Computer Science Discord / Lion Chatbot

- Collaborated with UCF students to create a Discord chat server that has connected a total of **3200 UCF CS/IT students**.
- Lead developer of an open-source chatbot, Lion, that is used to assist with server automation.