Richard Protasov

Personal Information

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github.com/rprotasov

Education

August 2015 - Present
New College of Florida, Bachelors in Computer Science\Urban Studies

Experience

May 2018 - August 2018
Viasat - Security Software Engineer Intern
- Developed a RESTful API that automated a cloud security assessment tool for on-demand use with Python, PyUnit, Flask, Docker, Jira API, and Amazon Elastic Container Service
- Used several agile methodologies to complete a DevOps Pipeline that will be used to meet the security demands of a global Internet service provider
- Communicated with clients to collect project details and feedback in an iterative and incremental development cycle
- Created and worked on front-end pages and Jira integrations that provide clients with a self-service interface to existing security assessment tools to encourage their use

May 2016 - April 2018
Focus School Software - Software Engineer Intern
- Designed and developed a user-friendly dashboard containing summary statistics for employees along with a front-end photo upload and crop tool
- Fixed bugs, improved, and added features to a variety of modules in Focus School Software including finance, report cards, human resources, and student applications
- Worked with PHP, SQL, Javascript, Laravel, Angular, SVN, Jira, and various in-house libraries

August 2016 - December 2016
New College of Florida - Computer Architecture Teaching Assistant
- Assisted students with theoretical and technical topics during weekly office hours and weekly class workshops
- Graded and provided feedback on student assignments written in Python, Assembly, and a Java-like language
- Worked with instructor to write tests and provide feedback on the material

Projects

Edsger
- Web application providing users with optimized routes given multiple locations and criteria; merges topics in relational database design and applied graph theory
- Developing an in-house file system for organization of routes and groups; developing a space for sharing and management of routes and groups between users
- Leading a team of two, coordinating tasks and project aims
- Built with the Laravel framework, MySQL, Git, and the Google Map APIs

Courses

Introduction to Algorithms, Computer Networks, Object Oriented Programming, Object Oriented Design, Discrete Mathematics, Calculus I, II, and III, Linear Algebra, Introduction to Data Mining, Computer Systems, Cryptography and Security, Information and Coding Theory, Social and Ethical Issues in Computer Science

Graduate Courses

Optimization and Machine Learning, Distributed Computing