Richard Protasov

Personal Information

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github.com/rprotasov

Richard is interested in computer science and urban studies. Currently, they are exploring the use of activity recognition and image generation in image forecasting by understanding the dependencies between human behavior and an urban streetscape.

Education

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

Projects

Harald

- Open source library in Rust
- Platform independent implementation of the Bluetooth Low Energy interface
- Designed to be developer friendly by abstracting over details in the Bluetooth LE specification by exposing a core central client and peripheral client to facilitate communication between devices

Edsger

- Web application providing users with optimized routes given multiple locations and criteria by merging topics in relational database design and applied graph theory
- Develop an in-house file system for organization of routes and groups, in addition, develop a space for sharing and management of routes and groups between users
- Lead group by the coordination of tasks and project aims
- Built with the Laravel framework, MySQL, Git, and the Google Map APIs

Experience

May 2016 - Present
Focus School Software - Software Engineer Intern

- Develop an extensible and creative dashboard containing summary statistics for employees along with a photo upload and crop tool for managing employee photos
- Fix bugs, improve, and add features to a variety of modules in Focus School Software's ecosystem including report cards, human resources, and student applications
- Working 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

- Assist students with theoretical and technical topics during weekly office hours and weekly class workshops
- Grade and provide feedback on student submissions for workshops
- Work with class' professor to write tests and provide feedback on the material

Courses

Introduction to Algorithms, Computer Networks, Object Oriented Programming, Object Oriented Design, Discrete Mathematics, Calculus I and II, Linear Algebra, Advanced Linear Algebra, Introduction to Data Mining, Computer Systems, Cryptography and Security, Image Processing and Computer Vision

Graduate Courses

Optimization and Machine Learning, Distributed Computing