Dimitar Dimitrov

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OBJECTIVE

A full time position that offers challenging problems to continue the development of my programming, and abstract thinking abilities

EDUCATION

Rensselaer Polytechnic Institute - Troy, NY   Sep 2012 - May 2015 (Expected)
Bachelor of Science, Computer Science
- GPA: 3.47/4.0
- Dean's List: All Semesters

EXPERIENCE

TripAdvisor - Newton, MA   Dec 2013 - Jan 2014
Software Engineering Intern
- Furthered previous work on loadteast automation using AWS and EC2 as a platform to run tests for the backup data center
- Reduced disk utilization on traffic dashboard by about 90%

TripAdvisor - Newton, MA   May 2013 - Aug 2013
Software Engineering Intern
- Worked with the Site Operations team to create loadtest automation framework for backup data center
- Created a collaborative trip planner during the 2013 intern hackathon using Nodejs and the Google Maps API

Siemens Industry - New York, NY   Jun 2011 - Aug 2011
Contracted Software Engineer
- Designed and implemented a web based data processing system to manage the past 2 years worth of data and all additional data using PHP/MySQL
- Emphasis was on tracking progress and planning future actions through extensive report generation system

PROJECTS

Peirce Logic   Sep 2012 - Present
Rensselaer Center for Open Source
- An open source web application using the Raphaël SVG library for propositional logic proofs through existential graphs
- Designed to be used in an educational setting, with full support for tablet devices in mind

Fe[26]   April 2014
- An astronomy themed 2048 clone where you follow the fusion pathways found in high-mass stars up to iron
- Mentioned on Popular Mechanics, Vox, Medium, io9, Geek, and many others

MERITS

Nodewar   May 2013
www.nodewar.com
- Placed 3rd in the Nodewar artificial intelligence competition

SKILLS

Programming
Go, C, C++, Java
Javascript, Python, PHP
Bash, Lua
SQL
Git, Subversion

Selected Coursework
Advanced Computer Graphics
Computational Finance
Introduction to Algorithms
Computer Networking I
Operating Systems