Dimitar Dimitrov

Phone: (203) 300-9309
Email: newbrict@gmail.com

Objective

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

Education

Rensselaer Polytechnic Institute, Troy, NY USA

B.S., Computer Science, Sep 2012 – May 2015 (Expected)

- GPA: 3.2/4.0
- Dean's List, Fall 2012, Spring 2013

Professional Experience

TripAdvisor - Newton, MA — May 2013 - Aug 2013
Software Engineer Intern

- Worked with the Site Operations team to create loadtest automation framework
- Created a collaborative trip planner during the 2013 intern hackathon using nodejs

Siemens Industry - New York, NY — Jun 2011 - Aug 2011
Contracted Software Engineer

- Personally designed, and implemented a secure web-based data processing system to manage 2 years worth of data for a multi-million dollar project using PHP/MySQL
- Integrated objective planning through report generation

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 teach propositional logic in a classroom

Skills

Programming
C++, Java, Bash, PHP, SQL, Javascript, Lua, Git, SVN

Operating Systems
Linux, Windows

Hardware
Computer Assembly and Repair, Circuitry

Merits

Nodewar
Placed 3^{rd} out of a few thousand submissions in the Nodewar artificial intelligence competition.

Selected Coursework

Data Structures, Introduction to Algorithms
Studied advanced data structures and algorithm design techniques through the use of C++ and the standard library.

Computer Networking I
Studied a wide range of networking topics including Virtual LANs, Subnetting, IP Addressing, Routing Protocols, and Frame Relay. Configured networks using Cisco™ routers and switches.