

Matthew Levin

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Education

University of Delaware, Honors Program

Bachelor of Science, Computer Science

Minor: Astronomy

Expected May 2015

GPA: 3.52/4.0

Computer Science GPA: 3.67/4.0

Related Coursework: Advanced Web Technologies, Algorithms, Compiler Design, Computer Networks, Database Systems, Data Structures, Logic & Programming, Parallel Programming, System Hardening & Protection

Skills

Languages: Java, C#, C, C++, PHP, Javascript, HTML/CSS, SQL

Frameworks/Libraries: jQuery, Sencha Touch, Bootstrap, MPI, OpenMP, OpenCL

Tools: Git, Subversion, MySQL, MariaDB, Sybase ASE, Unix/Linux, Lex, Yacc, FitNesse, Adobe Photoshop

Experience

JPMorgan Chase & Co.

Application Developer Intern

June – August 2014

Newark, DE

- Designed and programmed a Java-based multithreaded automation system for an international batch processing platform, reducing processing time by over 50%.
- Created a user interface for triggering and monitoring automation using a vendor toolkit and C#.
- Communicated and persisted data between front and back ends using Sybase ASE databases.
- Used Agile Scrum methodology to conduct eight one-week sprints to meet the needs of product owners while giving weekly sprint demonstrations.

University of Delaware, Office of Academic Enrichment

Undergraduate Tutor

February – December 2013

Newark, DE

- Tutored individuals and groups of students in both computer science and mathematics.

Agilent Technologies

Software Engineering Intern

May – August 2013

Wilmington, DE

- Implemented a PHP-driven system for delivering, validating, and installing firmware updates to Linux-based machines.
- Built a Sencha Touch Javascript tablet application for managing and selecting update packages.

Techlabs, Inc.

Webmaster

June 2010 – August 2012

Huntingdon Valley, PA

- Built and maintained multiple websites with various content management systems.
- Added new features using both freely distributed plugins and JavaScript.

Frugal Travel Lawyer

Webmaster

June – July 2012

Rydal, PA

- Converted a freely hosted Wordpress.com website into a self-hosted Wordpress.org one.
- Implemented requested features using both freely distributed plugins and JavaScript

Leadership

8-bit Video Game Orchestra

Webmaster, Co-Founder

January 2013 – Present

University of Delaware, Department of Computer & Information Sciences

Undergraduate Teaching Assistant – Engineering 101

October 2014 – Present