Zhijian Li

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Interests

Cyber Security: Code Auditing, Penetration Testing, Vulnerability Testing, Digital Forensics, Cryptography
Artificial Intelligence: Machine Learning, Robotics

Education

Georgia Institute of Technology, Atlanta, GA (Junior)   *August 2014 - May 2018*
- Candidate for Bachelor of Science in Computer Science
- GPA: 3.0
- Java, Python, VBA, HTML, CSS, JavaScript, C, Excel

Acton Boxbourough Regional High School, MA   *July 2010 - June 2014*
- GPA: 3.9

Skills

- Combinatorics, Intro to Algorithms, Computer Systems and Networks, Dynamic Web Design, Object and Design
- *Languages:* Java (3 years), html/css/js (1 year), angular (1 year), bash (1/2 year), unix-based systems (2 years)

Experience

SteelThread, Dulles, VA   *May 2016 – August 2016*
Web Development Team
- Added to and helped maintain company's web products
- Created dynamic, functional web prototypes, worked on both frontend and backend
- Functional testing with protractor

Randstad, Billerica, MA   *May 2015 - August 2015*
Filtration Team Intern
- Analyzed data on filters using excel
- Wrote VBA Scripts to handle and format large groups of data
- Used Java to create filtration animation as an application for consumer use

Undergraduate Research, Atlanta, GA   *September 2015 - Dec 2015*
Approximate Computing - Assistant Researcher
- Audited code to find ways to approximate calculations
- Measured the performance of an algorithm before and after approximation

Projects   *January 2015 - present*

Github: https://github.com/zbolmb
Processor: Created virtual 32 bit processor consisting of a datapath, micro-sequencer
GBA: Using C to code Game Boy Advance games. Utilized DMA (Direct Memory Access) for graphics
Fluid Dynamic Simulation: Implemented fluid dynamic algorithm into an interactive GUI using Java
M.U.L.E: Created a video game in Java using the AGILE development process

Activities and Awards

Programming Team   *September 2014 - present*
- Solve Programming problems and look at previous problems from competitions
- Compete in daily competitions housed by nearby universities

WebDev Club
- Work with html/css/js along with angular/bootstrap and outside APIs to create dynamic websites

Competitive Badminton   *January 2009 - present*
- Competed on the national level