

# Zhijian Li

950 Marietta St Apt 2017 • 978-495-2989 • zhijianli@gatech.edu • U.S. Citizen

## Interests

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**Cyber Security:** Code Auditing, Penetration Testing, Vulnerability Testing, Digital Forensics, Cryptography

**Artificial Intelligence:** Machine Learning, Robotics

## Education

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### 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 Boxborough Regional High School, MA

*July 2010 - June 2014*

- GPA: 3.9

## Skills

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- 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

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### 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

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*January 2015 - present*

**Github:** zbolmb

**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

**GBA:** Using C to code Game Boy Advance games. Utilized DMA (Direct Memory Access) for graphics

**Processor:** Created 16 bit processor consisting of a datapath, microcontrol unit and ALU using Logism

**Malloc:** C Code that maintained a free list and dealt with resizing and returning free spaces of memory

## Activities and Awards

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### Programming Team

*September 2014 - present*

- Solve Programming problems and look at previous problems from competitions
- Compete in daily competitions housed by nearby universities

### Competitive Badminton

*January 2009 - present*

- Competed on the national level