

## David Mingfei Liu

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(571)-528-3466

**OBJECTIVE:** Obtain summer internship in computer science, IT, or software engineering.

### EDUCATION

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#### PRINCETON UNIVERSITY

*Bachelor of Science and Engineering: Major in Computer Science*

Princeton, NJ  
2014 - Present

- Curriculum: Sophomore level course COS 226: Data Structures and Algorithms (algorithm analysis, sorting, and graphs); Fundamentals of Statistics; Vector Calculus.

#### THOMAS JEFFERSON HS FOR SCI/TECH

*Advanced General Studies Diploma*

Alexandria, VA  
2010 - 2014

- Academics: GPA – 4.49 SAT – 2360
- Curriculum: Intro and AP CS (two years of Java); Artificial Intelligence 1 & 2 (Python)

### TECHNICAL EXPERIENCES AND SKILLS

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#### GAME DEVELOPMENT

2011 - Present

- Led teams to develop tower defense and multiplayer, base-capture games in Java.
- Individually developed AI algorithm for Reversi.

#### WEBSITE MANAGEMENT

2013 - Present

- Co-creator of website for school humanities project on civil rights sit-ins.
- Product featured on Newseum's website.
- Website programmed in HTML, CSS, JavaScript, and PHP. Included interactive user inputs and social media widgets.

#### PRINCETON HACKATHON

Nov. 2014

- Created BookUp, an Android textbook exchange app for the Princeton community.

### WORK HISTORY

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#### U.S. NAVAL RESEARCH LABORATORY (NRL) INTERN

*Science and Engineering Apprenticeship Program (SEAP)*

Washington DC  
Summer 2013

- Worked 8 weeks in Beam Physics lab to develop magnetic heating techniques. Performed data analysis and presented results to NRL researchers/engineers.

#### DAILY PRINCETONIAN NEWSPAPER

*Sports Contributor*

Princeton, NJ  
2014

- Write articles on biweekly basis for print and web editions. Articles on water polo and volleyball can be found at: <http://dailyprincetonian.com/author/dml3/>

### EXTRACURRICULARS

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#### PRINCETON ASSOCIATION FOR COMPUTING MACHINERY

*General Member*

Princeton, NJ  
2014 - Present

- Participate in bi-weekly Code@Night events. Meet influential industry leaders and learn from technology demonstration sessions.

#### STUDENT VOLUNTEER COUNCIL ESL TUTORING

*Core Volunteer*

Trenton, NJ  
2014 - Present

- Teach ESL to adults in Trenton on a weekly basis. Apply proficiency in Spanish.

**Other Technical Skills:** upgrading operating systems, MATLAB, Video editing, and Mathematica.