

## Education

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### Yale University, New Haven CT

2014-Present

Bachelor of Science in Computer Science, May 2018 (Expected)

- *Relevant Coursework:* Fall- Mathematical Tools for Computer Science, Perspectives in Science and Engineering; Spring (anticipated)- Data Structures and Programming Techniques, Calculus: Functions of Several Variables, Engineering Innovation and Design

### Illinois Mathematics and Science Academy, Aurora IL

2010-2013

Diploma, June 2013; Skipped 9<sup>th</sup> grade; GPA 3.97/4.0

## Experience

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### Intern, Probitas Partners

June - July 2014

Conducted research on and analysis of private equity industry trends and company performance. Constructed a visual model of China's venture capital industry. Wrote a desktop application to expedite data collection and analysis for alternative assets investment opportunities.

### Software Engineering Intern, AVOS Systems, Inc.

September 2013-March 2014

Developed and launched "Dropdot," an educational connect-the-dots Android game for children, in 5 months. Marketing effort resulted in being interviewed by Android Central and featured by Google in their app store. Dropdot, which is on Google Play, had 28,000 downloads in 164 countries, 2 months after launch.

### Webmaster and Developer, VIVREGEN

September 2011-September 2013

Created a website to support rich content, press releases, and an online store. Designed promotional materials for a variety of events, including horse shows, biotech conferences, and veterinary meetings.

### Student Researcher, Northwestern University

August 2011-May 2013

Developed a nanostructure-based, optimized and targeted molecular imaging system to diagnose Alzheimer's disease. Researched magnetic nanostructures to determine the correlation between the geometry and composition of a nanorod to its applied magnetic field.

## Extracurricular Activities

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### Developer, Miscellaneous Hackathons

October 2014-present

Share a #Hack with Coke (Emory)- Built Heartbeat, an Android app that plays music based on pace of workout  
YHack 2014 (Yale)- Wrote a meteor.js and mongodb backend for Habitar, a virtual avatar for developing habits

### Features Writer, Yale Scientific Magazine

September 2014-present

Interview professors, report on events, and write news bytes for quarterly print publication

### "It's Up to Us" Team Leader, Net Impact

September 2014-present

Lead a team of five to run a campus-wide campaign to raise awareness about national debt

### Tour Guide, Yale Global Ambassadors

October 2014-present

Provide campus tours to international visitors in English and Chinese

## Awards/Publications/Skills

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**Awards:** Share a #Hack with Coke Grand Prize, Comcast Leaders and Achievers Scholarship; International High School Mathematical Contest in Modeling- Outstanding Rank; National Merit Scholar; Power Pitch Finalist

**Publications:** Nature Nanotechnology, Huffington Post, Digital Commons @IMSA, Yale Herald

**Technical Skills:** Mathematical Modeling, Android App Development, Web Development

**Language Skills:** Fluent English, Conversational Mandarin, Studying German