

# Zach Kirsch

## Contact

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## Languages

C++  
Java  
Javascript  
HTML5 & CSS3

## Tools

Node.js  
MongoDB  
jQuery  
Git

## Education

### Tufts University, School of Engineering

Bachelor of Science in Computer Science

Bachelor of Arts in Mathematics

Relevant Courses: Discrete Math, Data Structures, Web Programming, Number Theory

Medford, MA

*Expected May 2018*

### Hawken School

Gates Mills, OH

2010 – 2014

## Relevant Experience

### Victory Briefs – [www.victorybriefs.com](http://www.victorybriefs.com)

2014 – Present

*Head of Web Development*

- Designed website and online store
- Created backend and frontend of a lecture signup system for the summer debate camp

### Nickel and Dine – [www.zachkirsch.com/nickelanddine](http://www.zachkirsch.com/nickelanddine)

2015

- Worked with a small team to develop a cost-minimizing service for food delivery to Tufts students, using Node.js, MongoDB, jQuery and Bootstrap

### DebateHelper – [www.debatehelper.com](http://www.debatehelper.com)

2014

- Used VBA 7 to design a Microsoft Word template that is used by more than 500 high school debaters nationwide to collaboratively organize and consolidate evidence

## Additional Experience

### Debate Mate

Somerville, MA

*Mentor*

2014 – Present

- Coach a middle school debate team at weekly practices

### Institute for Speech and Debate

Charlotte, NC

*Junior Instructor*

Summer 2014, Summer 2015

- Teach high school debaters how to think critically and speak persuasively

### Travel Clinics of America

Cleveland, OH

*Product Development Intern*

2011 – 2013

## Awards

### 2014 National Champion in Public Forum Debate

NCFL

### 2014 National Merit Scholar

### 2014 Northeast Ohio Science and Engineering Fair: Second Place Prize

Project: *Preventing Epileptic Development Using Calcium Channel Blockers*

## Activities

### Tufts Debate Society

2014 – 2015

### Tufts Engineers Without Borders

2014 – 2015

- Elected as co-treasurer and responsible for \$30,000 in funding

### The Friendship Circle

2010 – 2014

- Paired with a child with special needs as a friend and role model

### Peru Health Outreach Project

Summer 2013

- Worked as a medical volunteer in Peruvian villages