Zach Kirsch

Contact

z@zachkirsch.com
github.com/zachkirsch
linkedin.com/in/zkirsch

5833 Briarwood Lane
Solon, OH 44139
(440) 781-6185

Languages

Python
C, C++
Bash
Javascript, Typescript
HTML5, CSS3

Technologies

Django
SQL, MongoDB
React, React Native
Apache Spark

Tools

UNIX
Git

Education

Tufts University, School of Engineering	Medford, MA
Bachelor of Science in Computer Science	*Expected May 2018*
Bachelor of Arts in Mathematics	
IES Abroad Milan	Milan, Italy
Studied Italian, Art History, Communications, and Photography	*Spring 2017*

Experience

Palantir Technologies　　　　　　　　　　　　　　　New York, NY
Incoming Software Engineer　　　　　　　　　*Starting September 2018*

Palantir Technologies　　　　　　　　　　　　Washington, D.C.
Forward Deployed Software Engineering Intern　　　　　*Summer 2017*

Microsoft　　　　　　　　　　　　　　　　　　Bellevue, WA
Software Engineering Intern　　　　　　　　　　　*Summer 2016*
- Implemented graph database and querying system for Azure Customer Insights with three other interns
- Created and maintained virtual network with Spark, HBase and Titan clusters for distributed computing

Tufts University　　　　　　　　　　　　　　　Medford, MA
Teaching Assistant: Introduction to Computer Science　　　*3 semesters*
Teaching Assistant: Algorithms　　　　　　　　　　*1 semester*
Teaching Assistant: Computation Theory　　　　　　　*1 semester*

Projects

vBriefly Debate Rankings – www.vbriefly.com/rankings　　*2014 – February 2017*
- Created and maintain system for ranking thousands of debate teams in the US with a Glicko-2 methodology
- Software acquired by Victory Briefs in 2014

Nickel and Dine – www.zachkirsch.com/nickelanddine　　　*2015*
- Developed, with a small team, a cost-minimizing service for food delivery to Tufts students

DebateHelper – www.debatehelper.com　　　　　　　*2014*
- Designed a Microsoft Word template using VBA 7 that is used by over 1000 high school debaters nationwide to collaboratively organize and consolidate research

Activities

Tufts Engineers Without Borders　　　　　　　*April 2015 – Present*
Senior Treasurer

Comune di Milano　　　　　　　　　　　　　*Spring 2017*
- Volunteered in Milan's Office for Refugee Assistance
- Assisted with introductory English classes

Peru Health Outreach Project　　　　　　　　*Summer 2013*
- Volunteered on a medical mission trip in Peruvian villages