

# MAX TROMANHAUSER

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github.com/mtrom

## EDUCATION

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### University of Pennsylvania

Candidate for Bachelor of Science in Engineering in Computer Science  
Minor in Mathematics  
Cumulative GPA: 3.29 / 4.00

Philadelphia, PA  
May 2016

*Relevant Courses:* Advanced Topics in Algorithms and Complexity, Internet & Web Systems,  
Introduction to Networks & Security, Computer Operating Systems

### Belmont High School

Graduate  
Cumulative GPA: 3.84 / 4.00

Belmont, MA  
June 2012

## EMPLOYMENT

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### Computer and Information Science Department, University of Pennsylvania

*Head Teaching Assistant for Introduction to Computer Programming*  
- Manage 60 teaching assistants  
- Plan and lead weekly staff meetings and TA training sessions  
- Write recitation plans and assignments

Philadelphia, PA  
May, 2015 - Present

*Teaching Assistant for Introduction to Computer Programming*  
*Teaching Assistant for JavaScript*

Sept, 2013 - Present  
Jan, 2014 - May, 2015

- Lead weekly recitation of 20 students  
- Grade student homework and exams  
- Hold office hours to assist students

## PROJECTS

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### The Ambassador ([www.penniaa.com/ambassador](http://www.penniaa.com/ambassador))

Blogging platform and social hub for the Penn International Affairs Association  
Developed using Flask, Jinja2, and MySQL

Summer, 2015

### Kashaya English Dictionary

Android app written with a team for Software Design and Engineering

Spring, 2015

### ILMUNC India ([www.ilmunc-india.com](http://www.ilmunc-india.com))

Wrote the front end for the Ivy League Model United Nations Conference India  
Developed using Foundation, Grunt, SASS, and JavaScript

Spring, 2015

### PennOS

Operating system with a basic scheduler, file system, and shell  
Wrote with team for Computer Operating Systems (CIS380)

Fall, 2014

### Intro Courses Admin Console

Added features to interface allowing CIS110 staff to interact with student grades database  
Refactored existing code base to allow for easier development

Jan, 2014 - Jan, 2015

### MoneyMore ([mtrom.github.io/venmore](http://mtrom.github.io/venmore))

Fall 2014 PennApps team submission that displays social interactions based on your Venmo feed  
Developed using Node.js, Express, Angular.js, d3.js, and the Venmo API

Fall, 2014

## TECHNICAL SKILLS

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### Languages

C, Java, JavaScript, Python, German

### Tools

Node.js, Angular.js, Flask, Android, Express, Git, MySQL, Grunt, Arduino