

# MAX TROMANHAUSER

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[github.com/mtrom](https://github.com/mtrom)

## EDUCATION

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**University of Pennsylvania** Philadelphia, PA  
Candidate for Bachelor of Science in Engineering in Computer Science May 2016  
Cumulative GPA: 3.29 / 4.00

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

**Belmont High School** Belmont, MA  
Graduate June 2012  
Cumulative GPA: 3.84 / 4.00

## EMPLOYMENT

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**Computer and Information Science Department, University of Pennsylvania** Philadelphia, PA  
*Head Teaching Assistant for Introduction to Computer Programming* May, 2015 - Present  
- Manage 60 teaching assistants  
- Plan and lead weekly staff meetings and TA training sessions  
- Write recitation plans and assignments

*Teaching Assistant for Introduction to Computer Programming* Sept, 2013 - Present  
*Teaching Assistant for JavaScript* 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)) Summer, 2015  
Blogging platform and social hub for the Penn International Affairs Association  
Developed using Flask, Jinja2, and MySQL

**Kashaya English Dictionary** Spring, 2015  
Android app written with a team for Software Design and Engineering

**ILMUNC India** ([www.ilmunc-india.com](http://www.ilmunc-india.com)) Spring, 2015  
Wrote the front end for the Ivy League Model United Nations Conference India  
Developed using Foundation, Grunt, SASS, and JavaScript

**PennOS** Fall, 2014  
Operating system with a basic scheduler, file system, and shell  
Wrote with team for Computer Operating Systems (CIS380)

**Intro Courses Admin Console** Jan, 2014 - Jan, 2015  
Added features to interface allowing CIS110 staff to interact with student grades database  
Refactored existing code base to allow for easier development

**MoneyMore** ([mtrom.github.io/venmore](https://mtrom.github.io/venmore)) Fall, 2014  
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

## TECHNICAL SKILLS

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<b>Languages</b>	C, Java, JavaScript, Python, German
<b>Tools</b>	Node.js, Angular.js, Flask, Android, Express, Git, MySQL, Grunt, Arduino