

MAX TROMANHAUSER

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github.com/mtrom

EDUCATION

University of Pennsylvania

Candidate for Bachelor of Science in Engineering in Computer Science
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

Computer and Information Science Department, University of Pennsylvania

Head Teaching Assistant for Introduction to Computer Programming
- 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
- Lead weekly recitation of 20 students
- Grade student homework and exams
- Hold office hours to assist students

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

PROJECTS

The Ambassador (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)

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)

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

Languages

C, Java, JavaScript, Python, German

Tools

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