MAX TROMANHAUSER

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github.com/mtrom

EDUCATION

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

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

The Ambassador (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)	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)	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

Languages	C, Java, JavaScript, Python, German
Tools	Node.js, Angular.js, Android, Express, Git, MySQL, Grunt, Arduino