

Education

University of Pennsylvania | Philadelphia, PA Expected Graduation: May 2016

B.S.E in Computer Science. Minor in Engineering Entrepreneurship Cumulative GPA: 3.66

Past Relevant Coursework: CIS 110 – Intro to Computer Programming • CIS 160 – Mathematical Foundations in Computer Science • CIS 120 – Programming Languages & Techniques I • MATH 114 – Multivariable Calculus • CIS 121 – Programming Languages & Techniques II: Data Structures & Algorithms in Java • CIS 191 – Unix & Linux • CIS 262 – Automata, Computability, & Complexity • CIS 261 – Discrete Probability, Stochastic Processes, and Statistical Inference

Current Relevant Coursework: CIS 240 – Introduction to Computer Architecture • NETS 150 – Market & Social Systems on the Internet • CIS 195 – iPhone App Development • EAS 590 – Commercializing Information Technology

Albuquerque Academy | Albuquerque, NM

Graduation: May 2012

Graduated Cum Laude. Cumulative GPA: 4.37

Experience

Co-Founder & Director - PennApps Fellows Program

September 2013 – Present

- Website Link: <http://fellows.pennapps.com/>
- Description: A 10-week summer internship program that pairs talented students from across the nation with the best Philly-area tech startups, cultivating a community of students who are actively involved in the local startup scene.
- More information regarding the program is available on the website

Secretary - Omega Chapter of Delta Tau Delta Fraternity

June 2013 – December 2013

- Built and maintained <http://penndelts.com/>, Facebook pages, and other electronic systems of the Chapter
- Recorded minutes for meetings and maintained the calendar among other fraternal responsibilities as a member of the Executive Committee.

Web Developer & Marketing Strategist - Wesky Insurance

May 2013 – August 2013

- Built <http://weskyinsurance.com/> for a local insurance agency in Albuquerque, New Mexico over the summer
- Developed an online marketing strategy utilizing Facebook and Craigslist
- Programmed a SMS notification system for upcoming client payments
- Trained several employees on effectively marketing to local car dealers

Projects

PennCourseNotify

- Website Link: <http://www.penncoursenotify.com/>
- Description: PennCourseNotify allows students at the University of Pennsylvania to be notified whenever a course has an opening via email.
- Developed in Python
- Used Google App Engine as backend host
- Featured on front page of newspaper and website of the Daily Pennsylvanian: <http://www.thedp.com/r/375feaf5>

- Over 600 students have used the service since late November launch

PennGrub

- Github Link: <https://github.com/shynp/penngrub>
- Description: PennGrub scraped data from the University's dining halls online menus and allocated them in one mobile-ready website with a voting system.
- Developed with three other peers during PennApps Hackathon Fall 2013
- Features developed:
 - Responsive web design using Twitter's Bootstrap
 - Voting system that allows users to vote on whether they liked/disliked a certain item on the menu. We are still developing a predictive suggestion algorithm based on previous voting data to determine whether it would be a good idea going to the dining hall based on the food items featured.
 - Scraping algorithm written in Python
 - Javascript and jQuery interactive elements
- Used Python alongside Google App Engine to build website
- Programmed all of the backend, which includes: the web scraper, the database structure, and voting system
- Currently developing the suggestion/prediction algorithm

Skills

Technical: Java, Python, OCaml, CSS3, HTML5, Javascript (including jQuery), Node.js, JSON, Unix Shell Scripting, Git, Google App Engine, Wordpress, Amazon Web Services, Heroku

Languages: English (fluent), Spanish (fluent), French (limited working proficiency)