Education

Purdue University GPA: 3.92/4.00 August 2016 - May 2020

* B.S. in Computer Science and Economics with a Minor in Mathematics and Political Science
* Activities: Honors College, Purdue Student Government, Purdue Hackers, Purdue Investment Club
* Coursework: Intro to Object Oriented Programming, Programming in C, Foundations of CS, Computer Architecture, Data Structures and Algorithms, Systems Programming, Microeconomic Theory
* Undergraduate Teaching Assistant: CS 180: Programming I

Thomas Jefferson High School for Science and Technology September 2012- June 2016

* Clubs: FBLA, StartupTJ, CS Education Committee, Investment Club, Project BEST, Odyssey of the Mind

Work Experience

Software Engineering Intern ID.me May 2017 – August 2017

* Integrated a new federated authentication strategy into the ID.me SSO service
* Refactored the front-end and backend of the ID.me Developer web application
* Worked with Chart.js to build an API visualization interface for developers who use the ID.me platform

Software Engineering Intern ID.me July 2015 – June 2016

* Built an internal web application that tracks and displays, in real-time, errors occurring in ID.me’s applications
* Integrated new features into ID.me Shop, the company’s customer facing affiliate network marketplace
* Built an internal application to make it easier to test various ID.me verification and authentication flows

Organizations and Activities

Director of Engagement Purdue Student Government August 2016 – May 2017

* Ran social events to engage the student body and receive their feedback on student government initiatives
* Provided financial and physical support to help smaller Purdue clubs plan and run their own events

Founder/Executive Director DCHacks June 2014 – June 2016

* Founded one of the largest high school hackathons in the mid-Atlantic
* Raised over $15,000 in corporate sponsorships from startups and large orgs such as Google and Microsoft
* Hosted over 300 students who built over 50 projects; teaching over 150 students how to code in the process

Projects

Ask Mitch 2017

* Built an Amazon Echo application that allows users to query info about Purdue dining halls and their menus

FIFA Stat Tracker 2017

* Developed a Ruby on Rails application to track and analyze FIFA game statistics between friends

Dispatch 2015

* Created an Android application that uses a phone’s GPS and accelerometer to detect if you are in a car crash

Languages and Technologies

Java, C, C++, Ruby, Ruby on Rails, HTML, CSS, JavaScript, Coffeescript, XML., PHP, Heroku, Photoshop, Git, Unix