

MIHIR TIWARI

STUDENT

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Education

Purdue University
B.S. Computer Science, Focus in Machine Learning
Minor in Management and Mathematics
GPA: 3.99/4.0

Sept. 2016 to Dec. 2019

Skills

Languages: Java, Python, C/C++, HTML, CSS, Javascript
Frameworks: Python Flask, ReactJS, Guice, VueJS
Tools: Git, Maven, NPM, Yarn

Employment

Evernote
Software Engineering Intern - Growth Infrastructure

Redwood City, California
May 2018 to Aug. 2018

- **Discovered critical design flaw** in existing microservice used for managing A/B experiments, **engineered a solution** to the problem, and **led refactor of existing codebase to more robust design**
- Wrote **Javascript tool** to **automatically and dynamically generate Flow type definitions** to type check Javascript code
- Used various languages, tools, and frameworks including **Java, Javascript, Maven, Protobuf, and Guice**

CS 177: Python Programming
Teaching Assistant

Purdue University
Jan. 2018 to May 2018

- Provided assistance to students during lab as well as graded their lab assignments in a timely manner
- Held office hours every week for students to ask questions about the content or assignments

Projects

Prescription Merge Conflict (PMC)

Feb. 2017 to March 2017

- **2nd Place Health and Wellness prize at HackIllinois 2017** for web app that enables doctors to compare patients' proposed and current medication(s) to determine dangerous interactions
- Built server and API using **Python Flask** with calls to NIH, Open Epic, and Intelligent Medical Objects APIs

Holo-AR

Oct. 2017 to Oct. 2017

- **Used augmented reality** to display nutritional and bank information to users taking pictures of food
- Built backend using **Python Flask**, trained **Clarifai model** to recognize images of food, and built iPhone app using **Swift and ARKit**

Congress Facts

June 2017 to Aug. 2017

- **Developed an Alexa skill** informing users who their Congressional representatives are that was **published by Amazon**
- Built using **Flask-Ask, a Python library**, and the **ProPublica Congress API**

Activities

Hello World · Director

April 2018 to Sept. 2018

- Hello World is Purdue's introductory hackathon designed to familiarize freshmen with hacker culture
- **Managed a team of 26 students** to organize a **250+ person hackathon** over a 6 month period
- Previously **Director of Communications (2017)**, during which **my team of six** brought in **300 applications, more than 40 mentors**, and **organized 6 technical workshops**

The Anvil · Director of Finance - Executive Board

Jan. 2018 to Current

- The Anvil is a non-profit, student-run organization that supports student entrepreneurs in Purdue
- **Managed a team of three students** to pitch The Anvil to companies and departments for sponsorship
- **Oversaw budget** for The Anvil and **tracked costs** for the organization and startup accelerator program
- **Raised \$25,000** in 2017-2018 school year

Purdue Hackers · Treasurer

April 2018 to Current

- Purdue Hackers is a **1,100+ member organization** that throws events throughout the semester, organizes buses to hackathons, and hosts Purdue's freshman hackathon Hello World
- **Created sponsorship packet** and reached out to companies and individuals to raise money
- **Handled funds** for the organization including reimbursements and expenses for events

Awards

Purdue Hackers · Hacker of The Month

March 2017

Recognized out of Purdue computer science community for demonstrating the mission of Purdue Hackers and the work I have done both in and out of school

Purdue University · Dean's List and Semester Honors (4x)

Coursework

Past: Data Structures and Algorithms, Systems Programming, Data Mining and Machine Learning, Accounting, Financial Mathematics

Current: Analysis of Algorithms, Relational Database Systems, Financial Management