

EDUCATION

May 2017

Purdue University, West Lafayette, Indiana

Bachelor of Science in Computer Engineering - **GPA: 3.46 / 4.0**

Relevant Coursework: Data Structures & Algorithms, OOP- Java & C++, Scripting Languages, Intro to Computer Security, Full Stack Web Development, Machine Learning, AI

WORK EXPERIENCE

Purdue Center For Career Opportunities

August 2016 - Present

Web Developer

- Developing ASP.NET (MVC version) of the Purdue CCO website components, previously developed using ASP.NET
- Stack includes – ASP.NET MVC, MySQL

Magnus Health, West Chester, PA

June 2016- August 2016

Software Development Intern

- Enhanced an existing REST API that would allow clients and third-parties, to utilize Magnus Health features and database to populate their system, with a single sign-on from their websites.
- Created a tester application for the QA team to assist them with testing of different API endpoints.
- Created new API endpoints enabling clients to access, previously inaccessible information from the database.
- Stack included- JSF, J2EE, Apache Tomcat, MySQL, Redis, Maven, and Hibernate

Atlink Communications Inc., Houston, TX

May 2015 – August 2015

Software Development Intern

- Collaborated with a team of 3 and developed an AR android app that determines the locations of gas, electricity and water lines for the purpose of digging projects
- Gained insight about using APIs by implementing the Google Maps API
- Learned about data management in resource-constrained environments by implementing the SQLite database
- Individually oversaw and molded the UX & UI design of the application, based on basic design principles

Computer Science Department & Physics Department, Purdue University

Spring 2015 - Fall 2015

CS 159 Teaching Assistant & Physics 172 Teaching Assistant

- Led a weekly lab session and graded assignments for around 25 students
- Furthered my communication skills while mentoring the students and collaborating with them to make the course more interesting and enjoyable
- Incorporated bi-weekly feedback in order to make the course more adaptive

PROJECTS

Xpense (HackIllinois 2016)

- A dynamic web application geared towards college students, that promotes investing on top of saving and helps college students make smart investment decisions.
- Learnt HTML, material CSS design and JQuery.

Huffman Coding(Fall 2015)

- A C program that can compress and decompress a text document using Huffman compression & decompression
- Learnt data structures, bit manipulation, and the concept of Huffman coding.

SKILLS

- **Programming Languages** – Python, C, Java, JavaScript, C++
- **Web Development-** HTML, CSS, JQuery, AngularJS, Node.js
- **Platform & Tools** – Linux, Android, GIT, SVN, MySQL, SQLite, Mongoddb, Valgrind, GDB, GraphLab, Maven, Redis
- **Libraries** – numpy, Tensorflow

HONORS, AWARDS, & ACTIVITIES

Eli Shay Scholarship

Fall 2016 & Spring 2017

Charles W. Brown ECE Scholarship

Fall 2015 & Spring 2016

Best use of Capital One API (<https://github.com/jain98/Xpense>)

HackIllinois 2016

Purdue University Dance Marathon(Dancer)

Spring 2015

Purdue Speech & Debate Club

Fall 2013 – Spring 2014