Kshitij Jain

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EDUCATION   **May 2017**

Purdue University, West Lafayette, Indiana
Bachelor of Science in Computer Engineering - **GPA: 3.5 / 4.0**

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

SKILLS

- **Programming Languages –** Python, C, Java, MATLAB, JavaScript
- **Web Development-** HTML, CSS, Jquery, AngularJS, JSF, ASP.NET MVC
- **Platform & Tools –** Linux, Android, GIT, MySQL, Valgrind, GDB, GraphLab, Maven, Redis
- **Math Libraries –** numpy, Tensorflow

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
- Created an API endpoint for an existing category of users, giving them the ability to single-sign on from their home websites. This was done to increase ease of use and accessibility of the Magnus Health application.
- Created a tester application for the QA team to assist them with testing of different API endpoints.
- Created other 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)

- Built a dynamic web application geared towards college students, that promotes investing on top of saving and helps college students make smart investment decisions. The application uses a regression algorithm to recommend stocks in which students could invest.
- Learned HTML, material CSS design and Jquery.

Huffman Coding(Fall 2015)

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

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**