

Karthik Pillalamarri

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EDUCATION

B.S. Computer Science & Engineering
The Ohio State University, Columbus, OH

Expected Graduation: May 2020

Cumulative GPA: 3.053

WORK EXPERIENCE

JPMorgan Chase & Co.

Software Engineering Intern

June 2019-December 2019

- Presented with requirements to create a web application that allows the user to upload a document, send the document to a manager for approval, and then send it to print
- Used Java to manipulate databases, create an API, upload a document to AWS S3 and deploy the application to the internal cloud
- Used Javascript, HTML, CSS to build user interface of web application
- Will save millions of dollars

PROJECT EXPERIENCE

University of Akron Hackathon (HAKron)

Autumn, 2018

- Worked in a team of 3 to create vision assistance object that can detect objects within 1 meter from several directions in the field of vision
- A proof of concept was designed to help create perceptual awareness for blind people
- https://www.youtube.com/watch?v=_ZKl-7IOoWw
- Won the Grand Prize in a competition of 25 teams

Ohio State University Hackathon (HackOHIO)

Autumn, 2018

- Worked in a team of 4 to create a news aggregator that shows news sources from various parts of the political spectrum and ranks the news sources based on their bias and accuracy
- Used Python with Django to create a class that represented an Article

JPMorgan Chase & Co. Hackathon

Autumn, 2018

- Collaborated with four other team members to create a website that connects refugee sponsors
- Used HTML to create the user profile feature

TECHNICAL SKILLS

- Java, JavaScript, HTML, CSS, Angular, Git, Agile, Linux, Python, Matlab, C, SQL

RESEARCH EXPERIENCE

Cerebral Palsy Project

September 2018 – January 2019

- Researched Supervised Classification Problem, a problem in Machine Learning, and relevant machine learning algorithms

RELEVANT COURSEWORK

- Survey of Artificial Intelligence I; Data Structures and Algorithms; Software Development & Design; Discrete Structures; Intro to Database Systems I;
- Social Media and Text Analytics; Linear Algebra; Introduction to Low-Level Programming & Computer Organization; Introduction to Digital Logic

ACTIVITIES AND INTERESTS

Sigma Pi Fraternity

Recruitment Chairman

November 2018 – November 2019

- Utilized budget of \$2500 to organize and schedule engaging recruitment events that increased quantity of new members by 20% from the previous semester

