

Pranav Anandarao

CURRENT ADDRESS
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PERMANENT ADDRESS
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OBJECTIVE

Obtain an internship in the field of Software Development or Computer Engineering.

EDUCATION

Purdue University, West Lafayette, IN May 2023
Bachelor of Science in Computer Engineering with Honors, Minor in Mathematics

University of Minnesota Talented Youth Math Program, Minneapolis, MN Fall 2013 – Spring 2018
GPA 4.0 / 4.0

John Marshall High School, Rochester, MN May 2019
Graduated in top 10% of class with Honors
GPA 3.8 / 4.0, WGPA 4.5 / 5.0

Relevant Coursework: Computer Science, Data Science, Multivariate Calculus, Linear Algebra, Ordinary Differential Equations, Circuit Analysis, Digital Systems, Data Structures, Algorithms

Technical Skills: Java, JavaScript, C, Python, SQL, MATLAB, Microsoft Excel, ReactJS, Bash, R

RELEVANT EXPERIENCE

Teaching Assistant, Purdue University Honors Engineering Fall 2020 – Present

- Hold weekly one-on-one office hours to help students better understand concepts taught in class.
- Grade student assignments, projects, exams in a timely and fair manner, and implement automatic grading scripts.
- Maintain and update custom software on Raspberry Pis and add new functionality as needed using Python and Bash Scripts.

Data Mine Corporate Partners, Purdue University Fall 2020-Present
Data Engineer, Merck

- Tasked with designing a method to easily gather biometric data from patients involved in clinical trials.
- Worked on data engineering for the project, which included data acquisition and transfer to storage.
- Used the Fitbit API along with Python, Selenium, and Cron jobs to automate the data engineering process, along with Agile development techniques for project management.

Hackathons, VandyHacks, BoilerMake, HackTX Fall 2019 – Present

- Participated in 36-hour developer competitions to create useful applications and software.
- Utilized different web frameworks such as ReactJS along with machine learning and computer vision libraries such as TensorFlow and OpenCV.
- Won award for best use of MongoDB at VandyHacks.

Data Science, Purdue Computing Challenge Day March, October 2020

- Competed in 7-hour long computing competitions on topics such as forestry and farming.
- Tasks included cleaning and compressing the data using high performance computing equipment, along with utilizing multiple different data analysis and visualization techniques.
- Used Python and R for data analysis, along with Leaflet.js and Chart.js for visualizations.
- Won 2nd place in March and 1st in October.

Mayo Clinic High School Mentorship, John Marshall High School Spring 2019
Advanced Analytics Mentee, Mayo Clinic

- Worked with the Advanced Analytics team in Mayo Clinic Information Technology on utilizing machine learning algorithms in health care applications.
- Designed natural language processing software to compare documents for clinical applications and devised test cases for software in development using Java and Groovy.

AFFILIATIONS

Goss Mentors, Data Mine Fall 2020 – Present