Pranav Anandarao

CURRENT ADDRESS
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PERMANENT ADDRESS
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EDUCATION

Purdue University, West Lafayette, IN — May 2023
Bachelor of Science in Computer Engineering with Honors
GPA 3.70 / 4.0 (Dean's List)

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

RELEVANT EXPERIENCE

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

- Worked on an application to collect Fitbit and Apple Watch data from patients in clinical trials.
- Utilized the Fitbit API to capture the biometric data and used python and bash scripts to clean and process the data.

Hackathons, VandyHacks, BoilerMake — Fall 2019 – Present

- Competed in 36-hour programming competitions, working on projects related to software development, machine learning, and computer vision.
- Won an award for best use of MongoDB at VandyHacks.

Data Science, Purdue Computing Challenge Day — March 2020

- Analyzed and drew conclusions from the national forestry inventory and analysis database.
- Task included cleaning and compressing the data using high performance computing equipment, along with utilizing multiple different data analysis and visualization techniques.
- Won 2nd place at the competition overall.

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.
- Devised test cases for software in development using Java and Groovy.

RELEVANT PROJECTS

Regenerative Shock Absorbers, Independent — Fall 2016 – Fall 2017

- Developed regenerative shock absorbers for applications in electric and hybrid vehicles.
- Ran tests to analyze viability and efficiency of these shock absorbers in real world scenarios.
- Experimented to discover the optimal settings to further increase efficiency.

AFFILIATIONS

Goss Mentors — Fall 2020 – Present
Data Mine — Fall 2020 – Present
Eta Kappa Nu — Fall 2020 – Present