Keerthana Vegesna

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EDUCATION

Purdue University   Aug. 2019 – May. 2023
Bachelor of Science in Computer Science   West Lafayette, IN
- **Minors/Certificates**: Entrepreneurship and Innovation, Applications in Data Science, Mathematics
- **Coursework**: Data Structures, Algorithms, Data Mining and Machine Learning, Software Testing, Computer Architecture, Systems Programming, Software Engineering

EXPERIENCE

Cummins, Inc   June. 2022 – Aug. 2022
Software Engineering Intern   Indianapolis, IN
- Worked with the Data Acquisition Team to implement monitoring systems for existing applications.
- Gained experience with AWS services including CloudWatch Alarms, S3 and Lambda Functions
- Worked on an independent project to automate client authorization methods for faster results.

The Data Mine - Merck   Aug. 2021 - Jan. 2022
Undergraduate Data Science Researcher   Purdue University
- Collaborated with Merck to create a web-based inventory tracking system using QR codes to optimize vial storage at their labs.
- Helped design an innovative client-centric solution architecture for the final implementation.
- Worked on the backend team to setup the database using AWS S3 and Databricks to analyse data.

The Data Mine - Purdue University   Aug. 2021 - May. 2022
Undergraduate Teaching Assistant   West Lafayette, IN
- Assisted over 600 students in The Data Mine in office hours.
- Helped students with their questions on weekly projects using R, Python, Bash, Unix and SQL.

Purdue Computer Science Department   May. 2021 - Aug. 2021
Undergraduate Teaching Assistant | CS Bridge Program   West Lafayette, IN
- Aided incoming computer science freshmen in learning the foundations of object-oriented programming and Java during labs, office hours and workshops.

Girls Who Code - Purdue College Loop   Jan. 2021 - Aug. 2021
Head of Internal Affairs   West Lafayette, IN
- Lead the team through the start-up of the Purdue College Loop.

PROJECTS

PurduePAL
- Lead the group as scrum master and organized the project planning.
- Social media app for Purdue students to create and interact with posts and profiles of other students/alumni.
- Implemented back-end functionality and set up MongoDB databases.

SKILLS

Languages : C, C++, Java, Python, HTML/CSS, MySQL, R, Javascript
Tools : Jira, Confluence, AWS, Github, Databricks GDB, Junit testing
Gallup Strengths : Input, Restorative, Intellection, Learner, Belief