

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 automating data transfer to make it faster, more efficient and less error-prone.

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

- Led the team through the start-up of the Purdue College Loop.

PROJECTS

PurduePAL - Social media app for Purdue students

- Led the group as scrum master and organized the project planning.
- Implemented back-end functionality and set up MongoDB databases.
- Organized and led scrum meetings, standups, retrospectives and demos.

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