

# 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

### 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 drug development at their labs.
- Helped map out and plan the solution architecture for the final implementation.
- Worked on the backend team to setup the database using AWS S3 and Databricks to analyse the data.

### The Data Mine - Purdue University

Aug. 2021 - May. 2022

*Undergraduate Teaching Assistant*

West Lafayette, IN

- Assisted over 600 students in The Data Mine with their coursework.
- 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.
- Conducted labs, office hours and workshops to help students with their questions.

### Girls Who Code - Purdue College Loop

Jan. 2021 - Aug. 2021

*Head of Internal Affairs*

West Lafayette, IN

- Organized the start-up of the Purdue College Loop and helped setup communication systems and databases to manage members and information.

## PROJECTS

### PurduePAL

- 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.

### Personal Website

## SKILLS

**Languages :** C, C++, Java, Python, HTML/CSS, MySQL, R, Javascript

**Tools :** Jira, Confluence, AWS, Azure, Github, Databricks GDB, Junit testing

**Gallup Strengths :** Input, Restorative, Intellection, Learner, Belief