

Vivek Chudasama

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OBJECTIVE

Passionate data science student seeking an opportunity to work on challenging projects to contribute to company growth and efficiency.

SKILLS

Java, HTML/CSS, Python, R, SQL, JavaScript, React, Bash, UNIX, LaTeX, Git/GitHub, Twilio API, Google API, Firebase, NoSQL Databases, Apache Cassandra, Tracktable, Google Analytics, Jupyter Notebooks, Agile Methodologies, Scrum, Microsoft Office, Google Suite, Technical Writing

EDUCATION

Purdue University, West Lafayette, IN
Bachelor of Science in Data Science

Expected Graduation May 2025

WORK EXPERIENCE

Software Engineering Intern

July 2022 – Present

KeyByte LLC, West Lafayette, IN

- Leading front-end development for our database management system using JavaScript and React Native, implementing functional changes such as optimizing workload trace upload speeds and refining workload configuration for the consumer
- Collaborating with stakeholders on product development, from crowd-sourced requirement gathering to completion
- Use Python for completing back-end tasks for main database, including creating data-parsing algorithms to comprehend and visualize workload traces

Software Engineering Intern

July 2022 – Present

Innovatory for Cells and Neural Machines, West Lafayette, IN

- Leading front-end for Purdue University's Dependable Computing Systems Laboratory and Center for Resilient Infrastructures, Systems, and Processes websites using HTML, CSS, and JavaScript
- Maintaining academic websites of multiple professors at Purdue University, making aesthetic and informational updates as needed

RESEARCH EXPERIENCE

Undergraduate Data Science Researcher/Teaching Assistant

August 2021 – December 2022

The Data Mine, Purdue University, West Lafayette, IN

- Collaborated with Sandia Labs to stitch together flight paths to repair inaccurate data; previously worked with USAA to analyze consumer digital interaction patterns using Agile and Scrum Workflows
- Used Python, SQL, and R to detect trends in user behavior, and use insights for product optimization
- Previously used R, SQL, and Python through Jupyter Notebooks to detect trends in consumer behavior, and use insights for product optimization

PROJECTS

CrownTracker

January 2022

- Designed mobile application to create mesh network in which users could quickly alert pre-selected close friends if they test positive for COVID-19
- Used Python and Google API for main back-end and JavaScript for front-end
- Implemented Twilio API for sending text notifications