

Anusha Chitranshi

chitraaa@mail.uc.edu | +1(513)765-0436 | anusha-chitranshi.site | linkedin.com/in/anusha-chitranshi

Education

University of Cincinnati, MEng in Computer Science (*ACCEND Program*) Aug 2019 – Aug 2024

- Bachelor of Science in Computer Science and Economics (*Summa Cum Laude*)
- GPA: 4.0/4.0, Distinguished Honors Scholar

Experience

Software Engineering Intern, Kroger Technology and Digital – Blue Ash, OH Aug 2024 – Present

- Design and implement enterprise data solutions on Azure, driving digital innovation by leveraging SQL and Cloud-based platforms to streamline operational and analytical data use.
- Spearheading the development of a chatbot for the data ingestion and platform team, designed to connect with databases and provide users with information on job execution times and statuses, enhancing data accessibility and query efficiency.

Cloud Ops Engineering Intern, Levi Strauss and Co. – San Francisco, CA June 2022 – Aug 2023

- Enhanced clarity and cost tracking by automating cloud expense analysis sheets, achieving 100% adoption within the team.
- Developed 50+ performance engineering pipelines in Jenkins, improving deployment efficiency by 30%
- Integrated 50+ AIML models into Datadog for enhanced observability and analysis, reducing incident response time by 40%
- Engineered "Infrastructure as Code" pipelines on GCP with Terraform and YAML to streamline infrastructure automation.

Research Assistant, LHCb Experiment, European Organization for Nuclear Research (CERN) – Geneva, Switzerland Jan 2021 – Aug 2021

- Led the development of intricate software solutions through research and fact-finding utilizing C++ and Python for the Upstream Tracker device integral to the LHCb experiment
- Employed advanced data analysis techniques leveraging Python libraries within a Linux environment to dissect and interpret vast datasets collected during experimental runs, contributing to the identification of critical patterns and anomalies
- Facilitated remote collaboration with a geographically dispersed team through effective utilization of Git repositories and Linux-based development environments, enabling efficient code sharing, review, and integration

Projects

Easy Rag: The Ultimate Chatbot Creation Tool github.com/AnushaChitranshi/easy-rag

- Developed a platform which trains RAG models and creates chatbots and its website embeddings for users through their uploaded documents or databases.
- Tools Used: Next.js, Typescript, LLM APIs, Convex, Tailwind CSS

Eventure: A Smart Event Management Platform github.com/AnushaChitranshi/eventure

- Developed an innovative platform that provides users with a tailored checklist, vendor connections, and recommendations for various event elements, simplifying the event planning process.
- Tools Used: Next.js, Convex, React, Tailwind CSS, Clerk, Stripe, Resend

Alterna-Canvas: A Gamified Course Management System github.com/AnushaChitranshi/alterna-canvas

- Developed a gamified version of the widely used Canvas platform.
- Tools Used: JavaScript, React, CSS

Skills

Languages: JAVA, C++, Python, LabView, MATLAB, Prolog, JavaScript, HTML, CSS, Terraform, TypeScript

Frameworks: ReactJS, NodeJS, Flask

Tools: Docker, GCP, AWS, Azure, Linux, Git, Jenkins, Datadog

Awards and Certifications

Microsoft Azure Fundamentals Certification (AZ-900)	Sep 2023
EECS Academic Achievement Award (Mantai/Mae Award)	2022, 2023
National Co-op Ambassador Scholarship	2022
CEAS Tribunal Co-op of the Year Award	2022, 2023
CEAS Alumni Award	2023

Leadership

President, Association for Computing Machinery for Women Apr 2023 — Aug 2024

- Led programs and initiatives to support women in computing.
- Led a group of 25 students to the Grace Hopper Celebration 2023 in Orlando, FL.
- Served as the Marketing Lead and then the Marketing Advisor for ACM's hackathon: RevolutionUC in 2023 and 2024 which brought together more than 600 hackers across the country.

Student Leader, International Partners and Leaders Feb 2021 — Aug 2024

- Was UC International's student presence on campus and build a community bringing together international and domestic students.

University Honors Program Ambassador, University of Cincinnati Jan 2020 — Aug 2024

- Represented the University Honors Program on campus and in the community.

Resident Advisor, Resident Education and Development Aug 2021 — Apr 2024

- Fostered the development of relationships among 55 residents.
- Developed and conducted programs on diversity, chemical abuse, personal development, relationships, and academic performance.
- Utilized problem-solving skills to resolve conflicts between roommates or within the larger residential community.

Peer Tutor, University of Cincinnati Jan 2020 — Apr 2024

- Tutored students for 10+ hours every week in specific course material and integrated study and learning strategies to promote independent learning.
- Boosted academic performance of over 400 students.