Laasya Aki

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EDUCATION

Carnegie Mellon University   **Class of 2028**
B.S. in Computer Science

- Relevant Coursework: Intro to Data Structures and Algorithms, Discrete Math, Calculus 2, Freshman Writing

University of Minnesota   **Sept. 2022 - May 2024**
Non-Degree Seeking Student | Dual Enrollment

- Relevant Coursework: Intro to Data Structures and Algorithms, Computer Architecture & Organization, Discrete Math, Math of Coding Theory, Linear Algebra | GPA: 3.8/4.0 | Fall 22 - Spring 24 Dean's List

EXPERIENCE

Undergraduate Research   **Sept. 2024 - present**
Under the guidance of Dr. Ehab Al-Shaer

- Developing an LLM-based system that retrieves device logs using natural language prompts
- Utilizing Python and Llama API to enable the system to respond to specific queries by analyzing system logs

CyberLearn   **Sept. 2024**
HackCMU 2024

- Developed web application (React, TypeScript, Github) to teach users cybersecurity concepts
- Used Llama API to generate personalized questions based on user's skill level to test their knowledge

General Mills   **June 2024 - Aug. 2024**
Digital and Technology Innovation Intern

- Showcased Industrial IoT devices and platforms used in General Mills manufacturing plants in Digital Innovation Lab visited by 800+ people
- Deployed applications using Docker to configure IIoT Hardware (I/O Link Sensors, Condition Monitoring Toolkit, and LED Stacklight)
- Designed Grafana dashboards to display, organize, and manipulate data collected by sensors

Minnesota Twins   **May 2023 - Aug. 2023**
App Development Intern

- Developed frontend web app (React, Prisma, GCP, and Tailwind CSS) with CRUD functionality to match sales reps with different ticket types saving 3 hours/week
- Set up graphQL endpoints on employee data and ticket data APIs

CODEify   **May 2023 - present**
Co-Founder and Executive Director, Technology

- Founded a nonprofit to help increase minority representation in tech through accessible coding education currently teaching 50+ students
- Developed organization website (HTML, CSS, JavaScript) and curriculum for AI/ML and Java classes
- Organizing meetings and and weekly progress checks to ensure successful classes

AgrID   **Jan 2023 - April 2023**
Technovation - App Building Contest

- Developed mobile app (React Native, JavaScript, Teachable Machine, Expo, Open Weather API) to identify diseased crops using an image classification model | TechnovationMN Winner 2023

SKILLS

Python, Java, Typescript, Javascript, React/React Native, C, x86-64 Assembly, GNU Debugger, DevOps, APIs, HTML, CSS, Grafana, Jira, Expo, Figma, Communication, Teamwork, Leadership