

Pratham Hebbar

prathamhebbar2021@gmail.com | 408-836-9913 | <https://www.linkedin.com/in/pratham-hebbar-b90701213/> | <https://github.com/pratham2021>

EDUCATION

University of California, Irvine

Graduation: May 2028

Bachelor's degree. Intended Computer Science

Coursework: Boolean Logic and Discrete Structures, Single Variable Calculus II, Introduction to Programming
Skills: Python, Swift, Javascript (basic-intermediate)

EXPERIENCE

University of Michigan-Flint

Remote

Computer Science Research Intern for Professor Uludag

February 2023 – July 2023

- Researched artificial intelligence based intrusion-detection systems and the applications of deep learning in the security space to answer how well artificial intelligence intrusion detection systems can detect cyber attacks in real-time.
- Found that CNN-LSTM can correctly identify the total percentage of non-attacks and differences between CNN-LSTM and LSTM-CNN in terms of precision, recall, and F-score. These neural networks are generally pretty accurate on their datasets for most cases, but are prone to making errors when classifying attacks and non-attacks

PROJECTS

Palendar

Remote

Founder

April 2021 – January 2022

- Developed an iOS app using Swift that simplifies the process of scheduling social engagements with peers
- Designed the app icon and app store screenshots using Figma.
- Published to the App Store in Jan 2022 with over 85 users.
- No longer on the App Store as of Nov 8, 2024

AI Flashcards Web App

Remote

Headstarter AI Fellowship

July 2024 – Aug 2024

- Developed a web app using Next, Javascript, Firebase, Material UI, OpenAI, with another fellow intern
- Used Next for the server-side rendering of our application, Javascript for the frontend and backend, Firebase for storage and retrieval, Material UI for the front end UI/UX, and OpenAI to generate the flashcards themselves.

Pantry Tracker Web App

Remote

Headstarter AI Fellowship

July 2024 – Aug 2024

- Developed this website application using Next.js, Javascript, Firebase, Material UI
- Used Next for the server-side rendering of our application, Javascript for the frontend and backend, Firebase for storage and retrieval, and MaterialUI for the front-end UI/UX.

PUBLICATIONS

University of Michigan-Flint

Remote

Student Researcher

Feb 2023 – July 2023

[How well can AI-IDS detect cyber attacks in real-time? | The Accuracy and Efficiency of Artificial Intelligence Intrusion Detection Systems and Deep Learning](#)