Pratham Hebbar

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EDUCATION

University of California, Irvine   Graduation: December 2027

B.S., Software Engineering

<u>Skills</u>: Python, Swift, UIKit, SwiftUI, Javascript, React, Next, Firebase, Git/GitHub, SwiftData

PROJECTS

Sprout   Remote

Developer   Aug 2025 – Sep 2025

- Developed an **iOS app** that is a plant encyclopedia app that fetches plant data from an open source **REST** API
- Has a detail view where users can learn about the specifics of different plants and save those plants locally on device
- Used **Firebase** for authentication, **SwiftUI** for frontend, **SwiftData** for local on device storage, **Trefle** for REST API
- Used **Figma** to design app icon for light and dark mode user interface appearances and app store screenshots

Nutrition Tracker Inventory App   Remote

Developer   July 2025 – Aug 2025

- Developed a **website application** that allows the user to enter daily meal entries for breakfast, lunch, and dinner
- Enables users to track meals over multiple weeks through a clean, dynamic scrollable UI
- Uses **React** and **Material UI** for front end, **Firebase** for storage, and **OpenAI** to generate diet suggestions

Palendar   Remote

Developer   April 2021 – Jan 2022

- Developed an **iOS app** that enables users to make plans with friends based on their availability and interests
- Designed an interface to view user availability up to **7 days in advance**, categorized by time of day
- Oversaw the growth of a user base exceeding **100 users** on the App Store
- Used **Figma** to design app icon and screenshots and **Firebase** for cloud storage and authentication

EXPERIENCE

Ready Tutor   Hybrid

Private Tutor   Apr 2025 – Present

- Tutoring elementary and middle school students and **UCI** students to help them succeed in their academics
- Held a **1 hr** final exam session for **Math 3A** (Linear Algebra) in the spring with an attendance of **~20** students

University of Michigan-Flint   Remote

Computer Science Research Intern   February 2023 – July 2023

- Conducted cybersecurity and machine learning research under the supervision of Professor Suleyman Uludag
- Researched how well **Artificial Intelligence Intrusion Detection Systems** can detect cyber attacks in real-time
- Found that the precisions of LSTM-CNN and CNN-LSTM were **88.32%** and **92.49%**, respectively