

# Pratham Hebbar

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<https://github.com/pratham2021> | <https://pratham2021.github.io/pratham-website/>

## EDUCATION

### University of California, Irvine

Graduation: December 2027

B.S., Software Engineering

Skills: 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 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 dietary 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