

# Noah Giboney

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## EDUCATION

### California Polytechnic State University

B.S. Computer Science

May 2025

San Luis Obispo, CA

- 3.82/4.0 GPA
- Systems Programming, Data Structures and Algorithms, Object-Oriented Design and Programming, Computer Architecture, Differential Equations, Linear Algebra, Multivariable Calculus
- Intramural Soccer

## EXPERIENCE

### Zakkai

Co-Founder & iOS Engineer

Feb. 2024 – Present

San Luis Obispo, CA

- Soon to become a non-profit, our app operates on the principle of micro donations through tracking user spending. Donors can preset automation contributions to nonprofits.
  - Co-Founding and developing the iOS app with classmates. Coming to the app store soon...
- Optimized user sign-in and registration by integrating Google Firebase, streamlining authentication workflows, and improving user experience.
- Implemented biometric authentication for effortless and secure sign-in, leveraging fingerprint and facial recognition for enhanced security.

### Hack4Impact

Software Developer

Sep. 2023 – Present

San Luis Obispo, CA

- H4I is an organization that develops full stack software applications for local non-profits.
  - I am collaborating with other developers and designers on an application for the SLO Beaver Brigade.
- Developed dynamic user interfaces and components using React and Next.js, ensuring seamless user experience.
- Implemented server-side logic and implemented MongoDB endpoints to effectively manage and retrieve data.

### McDonalds

Floor Supervisor & Hiring Manager

July 2019 – Sep. 2023

Simi Valley, CA

- Led Operations of customer service while managing crew members positions and breaks. Conducted Interviews and hiring employees to meet restaurant standards. Managed cash handles and analyzed sales/labor trends.

## PROJECTS

### Cryptid Coordinates

Winter 2023

- iOS app built with Swift, SwiftUI, and MVVM design pattern.
  - Available on the app store! <https://apps.apple.com/us/app/cryptid-coordinates/id6478195420>
- Utilized MapKit and user location services to render haunted locations near the user and all around the country.
- Streamlined asynchronous data fetching with Google Custom Search API and other network calls to display data about haunted locations to the user.

### Virtual World

Fall 2023

- Implemented A-Star Pathing algorithm to improve the movement of entities.
- Refactored existing code base to adhere to OOP principles. Utilized abstract classes and interfaces to create cohesion and low coupling of classes.

## SKILLS & INTERESTS

- **Technologies:** Swift, SwiftUI, Java, C, React, Typescript, NextJS, MongoDB
- **Tools:** Firebase, Git, XCode, App Store Connect, IntelliJ, Visual Studio, Basic Soldering
- **Interests:** Soccer, Fitness, Music, Cars (VW GTI), Football (New England Patriots)