

# Sai Nadendla

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## EDUCATION

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### University of California Los Angeles

*B.S. Computer Science and Engineering*

Los Angeles, CA

*September 2018 – June 2022*

### Casa Grande High School

*Valedictorian*

Petaluma, CA

*August 2014 – June 2018*

## SKILLS

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**Languages:** JavaScript, Swift, Python, Go, Java, C/C++, Objective-C, HTML/CSS, SQL

**Frameworks/Tools:** React, React Native, Node.js, Git, Bash, Xcode

## EXPERIENCE

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### Apple

June 2021 – August 2021

*Software Engineering Intern*

*Virtual*

- Prototyped new UI features for the Apple Watch utilizing Objective-C and UIKit.
- Interfaced with engineering and design team members to iterate and develop a stream-lined experience for users.

### Amazon Web Services

March 2021 – June 2021

*Software Engineering Intern*

*Virtual*

- Designed a server-less infrastructure for a new internal service using API Gateway, Lambda, and DynamoDB.
- Implemented service website utilizing React and Typescript; developed a browser extension to handle client requests; interfaced with API Gateway to perform CRUD operations; authorized users using OAuth 2.0.

### Yahoo!

June 2020 – September 2020

*Software Engineering Intern*

*Virtual*

- Launched multiple front-end features using Swift/UIKit to the Yahoo Fantasy Sports iOS app.
- Implemented UI for a message bot which automatically notifies 10 million users when players are added, dropped, or traded in a league; millions of bot messages are sent out weekly resulting in increased user engagement.
- Parsed Sendbird JSON metadata using Swift Codable; implemented custom tableview cells with dynamic content; created and added new views to hierarchy using delegate/protocols; interfaced with legacy Objective-C files.

### Ciena

June 2019 – September 2019

*Software Engineering Intern*

*Petaluma, CA*

- Utilized React and Django to deploy several full-stack features to CRM web app for internal sales engineers.
- Developed modal that allows sales engineers to add various products and create a custom quote for clients.
- Reconstructed Selenium e2e testing framework to improve stability and reduce future test development time.

### Stylify Fashion

January 2019 – March 2019

*Software Engineering Intern*

*Los Angeles, CA*

- Utilized React Native to develop cross-platform mobile features for eCommerce fashion startup.
- Developed modal to filter products based on attributes such as price and size, resulted in higher sales conversion.
- Implemented ability to share product listings to external apps like Instagram, drove customer acquisition effort.

### Sonoma State University

June 2017 – August 2017

*Machine Learning Research Intern*

*Rohnert Park, CA*

- Classified wildlife images with machine learning to predict the species of animal in a given picture.
- Manipulated and augmented image training dataset using Python to improve model accuracy in challenging cases.
- Utilized TensorFlow to train/tune inception neural network and classify wildlife images with near 90% accuracy.

## PROJECTS

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### MyCloset

February 2019

- iOS app created during UCLA hackathon; enables sharing of unused clothes; winner of Best Mobile Hack.
- Served as team lead; parsed JSON listing data from back-end; populated collection views with clothing items.

### Midknight

January 2019

- iOS app that incentivizes users to track and maintain a consistent sleep schedule.
- Utilized MVC based design; implemented notifications; created programmatic UI elements; integrated CocoaPods.