

# Jacob Burgess

Los Angeles, CA

## EDUCATION

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**University of Southern California**, Los Angeles, CA May 2020

- **Viterbi School of Engineering**, *B.S., Computer Science Business Administration*

**Torrey Pines High School**, San Diego, CA

May 2016

## SKILLS

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- **Languages/Frameworks:** NextJS, React, Typescript, Python, Angular, C#, Java, SQL, Terraform, SST
- **Other:** AWS, GitHub actions, Docker

## EXPERIENCE

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**Rootine**, Los Angeles, CA June 2022-present

*Full Stack Software Developer*

- Owned full stack features from design to production
- Managed AWS infrastructure, environments, and deployments
- Lead integrations with 3rd party software including order fulfillment and wearable devices

**Forward Slope, Inc.** San Diego, CA

June 2020-June 2022

*Software Engineer*

- Proactively developed and maintained one of the many web applications in FSI's app suite
- Demonstrated ability to rapidly and efficiently learn new languages, frameworks, and development tools (C#, Angular, AzureDevOps)
- Participated in Agile development with two week sprints and tight online team workflow

**Kitu Systems, Inc.**, San Diego, CA

May 2018-August 2018

*Software Engineer Intern*

- Implemented a functional test suite of 400+ test cases for Kitu's API using Python
- Managed QA automated testing to ensure product quality
- Contributed to close team workflow with daily SCRUM meetings and Jira sprints

## SCHOOL/PERSONAL PROJECTS

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**NFT Market Place**

2021

- React, Solidity, Ethereum
- Experimented with new languages/technologies (Solidity, Eth blockchain, web3.js, ethers.js) to implement a web application for uploading NFTs and listing them in a marketplace for purchase.

**ConnectFour Adversarial Bot**

Summer 2020

- Personally developed Java console application to play ConnectFour against a bot using a Minimax algorithm
- Demonstrated interest and understanding of algorithmic concepts

**Raytheon - IoT Vulnerability Research**

Fall 2019

- Conducted vulnerability research on 'Eufy Genie' smart speaker to find security flaws
- Took initiative to learn techniques for network scanning and serial communication with the device