

# Prathik Malireddy

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## Education

### University of California, San Diego

*Machine Learning and Neural Computation, B.S.*

La Jolla, CA

September 2019 - March 2022

Coursework: *Genetic Algorithms, Object Oriented Design and Programming, Data Modeling & Analysis, Statistics & Probability, Linear Algebra, Multivariable & Vector Calculus, Data Science in Practice*

## Skills

**Languages:** Python, Javascript, Lua, Java, Typescript, MATLAB, Solidity

**Tech and Tools:** Nodejs, Reactjs, Graphql, Github, Mongodb, Docker, Tensorflow, Keras, Redis

## Experience

### Walmart Labs, Software Engineer Intern

Remote, Jun 2021 - Aug 2021

- Built an API layer for the International Data team to wrap and operate on a pipeline I created which unifies varying information from various data acceleration layers.
- Created a data-source agnostic frontend to function despite the noise across data sources.

### Minti [[website](#)], Software Engineer Intern

Remote, Mar 2021 - Current

- Designed and implemented full stack digital asset marketplace application in **Solidity** on the Matic blockchain using **Reactjs, ethersjs** and **Nodejs**

### Food Haven [[website](#)], Software Engineer Intern

Remote, Nov 2020 - Mar 2021

- Assisted in full stack business dashboard and mobile app implementations along with Stripe Connect integration using **Reactjs, Nodejs, Redux**
- Implemented websockets, minimizing user rerouting and cutting down api requests by roughly **40%**, resulting in at least **10%** faster page loading times

### Index Labs [[website](#)], Co-founder

Remote, Sep 2019 - Jul 2020

- Co-authored whitepaper to decentralize traditional financial indexes and constructed ERC-20 token standard smart contracts for platform currency in **Solidity**; architected governance system
- Developed website using **Reactjs** and contract communication mechanism via **web3js**

### Gamely, Founder

Remote, Jun 2017 - Dec 2019

- Catered to **75k+** unique players. Reconstructed various codebases, reducing average latency by **~50%**

## Projects

**gweiFace** [[github](#), [website](#)] - Automated randomization of 9,999 unique characters; deployed smart contracts to Ethereum Blockchain to sell as NFTs. Utilized **Python, Nodejs, Reactjs**, and **Solidity**.

Data stored on **GCP** and fullstack hosted on **Heroku**

**Liveplay** [[github](#)] - Using Spotify API, Youtube audio ripper, and websockets to help serve live audio sharing. Built using **Nodejs, Mongodb, Reactjs**

**Markeeter** - **Python** app **scraping** census.gov and using Google Places API to find prime locations to advertise in

## Certifications

Introduction to Tensorflow for Artificial Intelligence, Machine Learning, and Deep Learning - [deeplearning.ai](#)