

Darin Gharib

Entry-Level Software Engineer

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EDUCATION

BS, Computer Science – University of California, Santa Cruz - Graduation: June 2023

ABOUT ME

Motivated Computer Science graduate (June 2023) with some software engineering experience. I love to solve complex problems, and love to code using various algorithms that I have learned so far. Tenacious and hard-working, love to learn new technologies in the software ecosystem. Looking for exciting software engineering opportunities with a great company. Very interested in opportunities in the cloud, full stack web development, API, AI, ML, IOT, VR, Security, and other emerging technologies.

I have a passion for writing code. My recent schoolwork included Node.js and Java. I've used Express.js for creating RESTful API's, React.js and Angular for front-end web apps, and PostgreSQL and relational databases for database development. Most of my early work was in C, C++ and Assembly and I have multiple projects in both languages. I also have deployed several serverless apps and microservices, specifically with the SST stack and GraphQL.

LANGUAGES AND SKILLS

LANGUAGES

- Java
- SQL
- JavaScript
- Python
- Dart
- C
- HTML & CSS

SKILLS

- Data Structures
- Algorithms
- Creating RESTful API's
- Functional Programming
- Ajax
- GitHub
- Computer Architecture
- Multithreading
- OS-level programming
- Testing Frameworks (Jest, Puppeteer)
- Objected Orientated Principles
- Google Firebase
- Project Collaboration & Teamwork
- SCRUM and AGILE development
- Development Principles such as dependency inversion & loosely coupled systems

LIBRARIES/SDK's/Frameworks

- React.js
- Node.js
- PostgreSQL
- Express.js
- Flutter
- React.js
- Tailwind CSS
- Flask
- Expo Go
- OpenAPI
- Swagger

PROJECTS AND RELEVANT WORK EXPERIENCE

YouMe Identity – Technology Startup in the IDaaS Space

Jan 2023 – Present

Flutter/NodeJ.js/AWS

Full Stack Engineer

- Worked closely with startup founders Joshua Zhao and Charles Xi on an upcoming identity-as-a-service mobile app where I integrated an onboarding process for new users.
- Used Flutter and Dart to control event flows, and to enable the onboarding process after a user secures their phone number.
- Used native API's to enable call forwarding and to disable unknown callers, as well as transition the app state after onboarding completion.
- Created a system for calling the YouMe Identity call screening service hosted in AWS.

Live Trivia with Websockets

Feb 2023

Node.js/React.js/Socket.io

Personal Project

- Backend with Node.js and Socket.io
- Frontend with React.js
- Deployed with Heroku and Vercel

Sonder - A Social Media App

2022 - 2023

Firebase/React Native

School Sponsored Project

- Created with React Native and Expo Go
- Database implemented with Google Firebase
- Worked with a team of 5 throughout an 11-week period, practicing SCRUM and Agile development

Full Stack Email Web Application

Nov 2022

React/Node.js/Express/PostgreSQL

Full Stack Engineer

- Created a secure login system that stores password hashes using AuthJS and Bcrypt.
- Backend consists of middleware such as OpenAPI/Swagger and more to validate data.
- Unit tested with Jest and used Puppeteer for end-to-end tests.

IEX Cloud – Simulates buying/selling stocks with an API

Summer 2022

Flask/Python

Chrome Extension: Quick Pokemon Search

Summer 2022

JavaScript

Intern, M-Corp – Sacramento, CA

Summer 2021

- Researched machine learning and how to incorporate ML into company workflow and devops.
- Personal Project working in ASP.NET to create a website satisfying CRUD.

PROFESSIONAL DEVELOPMENT: CERTIFICATIONS AND COURSES OUTSIDE COLLEGE

Certificate: CS50x Intro to Computer Science - Harvard University edX Course

Summer 2022

11-week course: 10 Problem Sets, 8 Labs, and one final project. Languages include C, Python, SQL, JavaScript, CSS & HTML. Problem sets inspired by real-world domains of biology, cryptography, finance, forensics, and gaming.

Course: Intro to Deep Learning and Neural Networks - educative.io

Summer 2021

Machine Learning and Deep Learning. Completed two local personal projects:

- Cat vs Dog Image Recognition
- MNIST Handwritten Numbers Recognition

Course: Intro to Game Development; Principles of Game Design; Game Dev for Modern Platforms

Summer 2020

Michigan State University Online (Coursera)

ADDITIONAL WORK EXPERIENCE

TEAM MEMBER – SESAME KOREAN GRILL – Santa Cruz, CA

Jun 2022 – Present

TEAM MEMBER - CHAO DOWN POKI - Roseville, CA

Jul 2018 – Aug 2019

HIGH SCHOOL INTERN - M CORP – Sacramento, CA

Jun – Aug 2017

Took inventory of all computers, hardware, and accessories at the company and created an Excel spreadsheet to record the OS version, serial number, stats, etc. of each item for future reference/tracking.