

# Darin Gharib – Graduating June 2023

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I have a passion for full stack web development, most prominently working with Node.js and socket.io, as well as utilizing hyperthreading to create faster node servers with thread pools. 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 have multiple projects in both languages. I also have deployed several serverless apps and microservices, specifically with the SST stack and GraphQL.

## EDUCATION

Bachelor of Science, Computer Science: Graduation March 2023 -- University of California, Santa Cruz

## PROJECTS AND RELEVANT WORK EXPERIENCE

*Present*

### Social Media App – “Sonder”

#### React Native – Express.js – Firebase

Full Stack Engineer

- Utilized Expo Go's notification system to store notifications in Google Firebase and interface with Expo's notification backend with our own backend to send a notification to users at a specific time.
- Created a navigation system using React Native and Expo Go's “stack” and “bottom-tab” navigation system to guide users throughout login/signup and home screen pages.
- Employed Express.js and Node.js libraries to process user and model data before storing data in database.
- Developed app's architecture and file structure and worked with team members to deliver a modern social media app that users can use to plan their day and share photos after completing a task to share with friends.

*July 2022*

### Full Stack Email Web Application

#### React/NodeJS/Express/PostgreSQL

Full Stack Engineer

- 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

*Summer 2021*

### M-Corp Internship – Sacramento, CA

Intern

- 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.

## PROFICIENT LANGUAGES

Typescript, JavaScript, C++, Python, HTML/CSS  
C

## LIBRARIES / SDK's / FRAMEWORKS

React.js, Node.js, PostgreSQL, Express.js, React.js, Tailwind CSS,  
Angular, Flask, Expo Go, OpenAPI, Swagger

## SKILLS

Version Control (GitHub), Testing frameworks like Jest, Puppeteer, and React.js testing library, Creating RESTful API's, Functional programming, Google Firebase, Teamwork, SCRUM and AGILE development, Data Structures, Multi-Threading, Understanding of development principles such as dependency inversion and loosely coupled systems.