

Ming Lin

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EDUCATION

STEVENS INSTITUTE OF TECHNOLOGY

BSc in Computer Science

May 2022 | Hoboken, NJ

Edwin A Stevens Scholar

Dean's List

GPA: 3.57 / 4.0

SKILLS

Agile ◦ UI/UX ◦ Systems Design
Test-Driven Development

PROGRAMMING

Over 10,000 lines:

Javascript ◦ Typescript

React ◦ HTML ◦ CSS ◦ SQL

Ruby ◦ Rails ◦ Python

Over 3000 lines:

C++ ◦ C ◦ Java ◦ React Native

Angular ◦ OCaml ◦ Matlab ◦ Bash

TOOLS

Git ◦ Firebase ◦ MongoDB ◦ GCP

Figma ◦ Jest ◦ Linux ◦ MacOS

Jupyter ◦ Heroku

COURSEWORK

GRADUATE

Agile Methods for Software Dev

Web Programming

Machine Learning Fund & Apps

UNDERGRADUATE

Database Management Systems

Systems Programming

Individual Software Engineering

Engineering Graphics

(Research & Teaching Asst)

Links

Github.com/[ming1in](#)

Linkedin.com/in/[minglin1050](#)

ACTIVITIES

Develop For Good

SVC HealthTech Hackathon

Co-Founder of Stevens Solar Car

Mechanical Team

US Naval Acad. Summer Seminar

Kappa Sigma Fraternity

Student Government Senator

US CITIZEN | AVAILABLE NOW

EXPERIENCE

WELLSHEET | Software Engineer Intern

May 2021 - Sep 2021

- Contributed and reviewed React-Rails code for frontend, backend, and infrastructure components.
- Refactored the slowest segments of the app with optimizations that improved API requests by 50% using batch queries and pagination.

AKRON CHILDREN HOSPITAL | Software Engineer

Jan 2021 - Jun 2021

- Voted team lead amongst 6 engineers to develop a multi-page web app with React following a strict HIPAA compliant product requirement.
- Led and shipped a suite of features - dynamic timeline, genetic medical risk calculator, and interactive glossary.
- Published a case study showcasing results of customer research and impact on patient care.

SKINBLU | Full-Stack Software Engineer

May 2020 - May 2021

- Integrated Firebase cloud functions to provide tailored data to support the frontend and automate backend tasks.
- Created backend testing framework using Jest and locally emulated Firestore database.
- Built multi-step continuous appointment booking, messaging, payment, and push notification features with Node.js/React.

STACHE SOLUTIONS | Co-Founder

Dec 2019 - Present

- Consulted clients on viable software solutions, business strategy, and design to bring ideas to life.
- Spearheaded a collaborative development workflow with a team of 4 cross-functional engineers by implementing Scrum methodologies to consistently execute tasks in a backlog.

PROJECTS

GEDCOM(GENEALOGY DATA) PARSER | Python

[minglin.dev/git/gedcom](https://github.com/minglin3/gedcom)

- Engineered a scalable parsing engine that mapped GEDCOM to data stores and provided a foundation for 57 features built by 8 team members.
- Developed a unit testing framework and standardized patterns for 180 integration tests.

ZILLOW ZESTIMATE CHALLENGE | Python

[minglin.dev/git/zillow](https://github.com/minglin3/zillow)

- Evaluated linear regression, decision tree, random forest, XGBoost, and ensemble models deriving a 67% accuracy and 0.16 error margin.
- Condensed dataset with 53 features to 27 features by adapting feature engineering techniques to improve the efficiency of training models.
- Mapped concepts across 3 large datasets and applied exploratory data analysis techniques to identify hidden relations.

JIM FITNESS WEB APP | React, Typescript, MongoDB

[minglin.dev/git/jim](https://github.com/minglin3/jim)

- Designed end-to-end web application and scalable backend infrastructure using Typescript.
- Consolidated tasks into user stories, facilitated context sharing and managed a team of 4 engineers

