

Dominic Fernandez

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EDUCATION

University of San Francisco

Sept. 2019 - Expected 2023

- B.S., Computer Science ~ Cumulative GPA: 3.77 | CS GPA: 4.0
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WORK EXPERIENCE

Student Integration Analyst - ITS, University of San Francisco

June 2021 - Present

San Francisco, CA

- Gather and translate business requirements into technical documentation, test cases, and Lucidchart process diagrams.
- Write Python scripts to supplement and enhance the university's data integrations between internal and external systems/vendors.

Software Engineer Intern - We Care Insurance

Apr. 2021 - July 2021

Remote

- Developed a full-stack application that automates finding the best insurance quote for the clients of We Care Insurance.
 - Built dynamic front-end HTML pages and back-end APIs that interface with a MySQL cloud database and integrate the data coming from the insurance carriers.
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PROJECTS

CI/CD Final Project - Deploying Working Software (CS 486)

Apr. 2021 - May 2021

- Github Repo: <https://github.com/dcfernandez1023/MaxRepCalculator>
- Used Docker, GitHub Actions, and python's pytest framework to develop a CI/CD pipeline for a dockerized web application running on AWS.

AutoHub - <https://auto-hub-car-management.web.app/>

Dec. 2020 - Jan. 2021

- Github Repo: <https://github.com/dcfernandez1023/AutoHub>
- Developed a car management platform that allows users to add, analyze, and track information, cost and maintenance pertaining to their cars.
- Built with a React/Node.js front-end and deployed with serverless back-end architecture using Google Firebase

Training-Diary - <https://training-diary-td.herokuapp.com>

May 2020 - Aug. 2020

- Github Repo: <https://github.com/dcfernandez1023/training-diary>
 - Developed a web application that allows users to input their workout/nutrition data, graph their data, customize their data, and set personal goals. Currently looking into refactoring/rebuilding this project as both a web app and mobile app (<https://github.com/dcfernandez1023/TrainingDiaryApp>)
 - Built with a React/Node.js front-end, a Python back-end using Flask, and a NoSQL cloud database using MongoDB Atlas; deployed with Heroku
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SKILLS

Coding Languages: Python | Java | SQL | Node.js/Javascript | HTML/CSS | C

Software/Platforms: Git | Postman | Lucidchart | Firebase | Heroku | MongoDB | Docker (familiar)

Frameworks: React | Flask | SpringBoot (familiar) | Express (familiar)