Dominic Fernandez

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Websites: https://github.com/dcfernandez1023 | https://dom-portfolio.web.app/

EDUCATION

University of San Francisco   *Sept. 2019 - Expected 2023*
- B.S., Computer Science ~ Cumulative GPA: 3.69 | CS GPA: 4.0
- Courses: Intro to Computer Science I (Python), Intro to Computer Science II (Java), Data Structures & Algorithms, C & Systems Programming, Operating Systems, Intro to Database Systems, Deploying Working Software

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WORK EXPERIENCE

Donor Information Extractor - Office of Development, University of San Francisco   *Sept. 2019 - Present*
San Francisco, CA
- Extract biographical, employment, and contact information of donors, students, and alumni from unstructured data to structured formats in the university's database using Salesforce and Ellucian Banner, performing an average of 200-250 weekly updates. Exploring software solutions to automate this process
- Assist full-time staff members in processing an average of 15-30 weekly donations that contribute to the $188 million the university has raised in their current campaign from a total of 23,000 donors

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PROJECTS

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
- 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**

Hangman Learner   *March 2020*
- Github Repo: https://github.com/dcfernandez1023/HangmanLearner
- Coded a computer-self playing **Python** program that improves its ability to play hangman by analyzing probability based on its previous attempts to increase its winning percentage.

SKILLS

Programming Languages: Python │ Java │ Node.js/Javascript │ HTML/CSS
Software/Platforms: Git | Postman | Firebase | Heroku | MongoDB | Docker (familiar)
Frameworks: React | Express (familiar) | Flask | SpringBoot