Daniel Medina

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TARGET: FRONTEND DEVELOPER ENTRY LEVEL

- Creative and strategic problem solver with acclivity for learning and growth in technology.
- Comprehensive understanding of OOP, algorithms, and fundamentals of programming languages
- Exceptional leadership skills evidenced in projects.
- Hands-on learner continuously contributing unique ideas.

TECHNICAL SKILLS

Programming Languages: Java, C++, Javascript, HTML, CSS, Python
Software: Android Studio
Operating Systems: macOS, Linux
Data Technologies: SQL, MySQL, React.js, Git, Github, Firebase

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EDUCATION

Bachelor of Science in Computer Science, GPA 3.826   May 2021
California State University San Marcos (CSUSM)

RELEVANT COURSEWORK

Data Structures/Introduction to Networking/Operating Systems/Database Management Systems

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PROJECTS

Activity Suggestion Application   Fall 2021
- Web application created using React, HTML, CSS, and JavaScript.
- Fetches information from remote API by using asynchronous functions and processed via JS Promises.
- Implements event handling and React hooks in order to create an interactive user experience.
- UI allows users to specify activity type and number of participants in order to make a query for API.
- Deployed to the web via Git and GitHub Pages for interaction by all.

Compiler Project   Spring 2021
- Created using C++ in a group of 3 for Theory of Computing course.
- Created Definite Finite Automata for pseudo-Japanese language that determines if word is part of lexicon.
- Converted Automata to Backus Naur Form in order to parse tokens of phrases.
- Implemented Scanner to determine if word is a valid token of language.
- Created Translator in order to convert valid pseudo-Japanese phrases into English .

Coffee Shop Website   Spring 2020
- Created using HTML and CSS.
- Contains landing page, customer ordering page, and menu page.
- Uses HTML forms to make orders, orders are then processed by a 3rd party server via PHP script.
- Project implements the use of lists, table-layouts, navbars, and varying positioning.