EMANUEL MIRANDA

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📍 4001 Nicolet Ave, Fremont, CA

📱 (650) 847–0969

🎓 Education

California State University, East Bay
- B.S. Computer Science
- Dean's List
- GPA 3.4

San Joaquin Delta College
- A.S. Computer Science
- A.S. Mathematics

🎪 Skills

Programming Languages
- Java
- JavaScript
- C++
- CSS
- Python
- HTML

Computer Skills
- Software Testing & Debugging
- Operating Systems
- Computer Networks
- Hardware Repair
- Performance Optimization

Practical Skills
- Spanish Speaker
- Efficient Under Pressure
- Determined Problem Solver
- Effective Multi-tasker
- Complex Critical Thinker
- Excellent Communicator

🧍 About Me

I appreciate the opportunity to be considered for a role within your team. I am Emanuel Miranda, a first-generation Mexican American graduate. My journey has been one of self-driven learning and unwavering determination, enabling me to excel academically. I am confident that this mindset will be equally vital for my success in a professional environment. I am enthusiastic about leveraging my skills to contribute to your company.

Thank you for reviewing my resume. For more about my background, kindly follow the link below. I look forward to the possibility of connecting with you soon.

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https://manny820.github.io/resumeportfolio/

🖥 Employment

Miranda Catering – Sabor Michoacan   *Co-Owner (2016 – present)*
- Family-owned business I manage full time to cover my academic expenses.
- Engage in customer satisfaction, social media exposure, and company events.

Sheriff's Activities League (SAL)   *Volunteer (2020 – 2022)*
- Volunteered with a non-profit organization fostering strong relationships between San Mateo County deputies and local communities.
- Demonstrated dedication by contributing to events aimed at enhancing community bonds.

</> Projects

Website Portfolio
- Independently designed & programmed a portfolio website to showcase my experience.
- Leveraged frontend technologies including HTML, CSS, and JavaScript.
- Implemented modern libraries such as Bootstrap for efficient styling and layout.
- Showcased my academic journey through coursework, projects, & practical experience.
- Hosted the website using GitHub Pages.

Communication Application
- Collaborated within a team to develop a chat application from inception to completion.
- Programmed a comprehensive UI featuring client settings & chat messaging functionality.
- Developed backend functionalities encompassing server classes & client classes to facilitate concurrent client connections.
- Implemented multithreading techniques to support simultaneous communication between multiple clients.

Expense Tracking App
- Conceptualized, designed, and developed a mobile application facilitating user input for transactions & rendering data in an intuitive UI.
- Demonstrated proficiency in mobile app development using Java & Android Studio
- Implemented dynamic memory allocation to accommodate new transactions.
- Integrated categorization functionality for users to organize transactions for easy retrieval.

Two Player Mobile Game
- Independently developed a mobile game enabling two players to engage in gameplay on a single device, integrating 2D animations, player models, scoreboards, & backgrounds.
- Demonstrated proficiency in UI design, ensuring intuitive navigation & enjoyable gameplay.
- Applied coding skills to implement gameplay mechanics, rules, & interactions for a seamless gaming experience.

📚 Coursework

Software Engineering
- Collaborated with classmates to create UML diagrams, project schedules, software requirement documents, & programming projects.
- Demonstrated software development through application demos & j-unit testing.
- Presented completed programs to clients, showcasing project accomplishments.

Data Structures & Algorithms
- Demonstrated expertise in data structures such as arrays, linked lists, stacks, queues, & trees.
- Implemented algorithms for sorting (e.g., quicksort) & searching (e.g., binary search)
- Proficient in time & space complexity analysis, ensuring optimal algorithm performance.
- Demonstrated understanding of algorithmic paradigms such as divide and conquer, greedy algorithms, & dynamic programming.

Mobile Programming
- Proficient in mobile application development, applying skills to create engaging apps.
- Expertise in designing intuitive & visually appealing user interfaces.
- Employed rigorous testing methodologies to resolve bugs & enhancing app reliability.

Website Development
- Demonstrated expertise in frontend frameworks & implemented backend functionality using server-side scripting languages.
- Utilized APIs to establish communication between frontend & backend systems.
- Implemented database systems (MongoDB) to manage & store dynamic content.

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