Emmanuel Cortes Castaneda

602-499-3281 | emnlc.dev@gmail.com | linkedin.com/in/emnlc | github.com/emnlc

EDUCATION

ARIZONA STATE UNIVERSITY   **Tempe, AZ**
Bachelor of Science in Computer Science   *Grad Date: May 2024*
Relevant Coursework: Data Structure and Algorithms, Logic in Computer Science, Principles of Programming Languages, Software QA and Testing, Foundations Data Visualization, Intro to Artificial Intelligence

TECHNICAL SKILLS

Languages: JavaScript, Python, TypeScript, C++, Java, HTML, CSS
Frameworks: React, Next.js, Tailwind, Express.js
Tools: Node.js, Bun, Postgres, Git, Unix, Firebase, Supabase, Visual Studio Code

EXPERIENCE

FRONTEND WEB DEVELOPER STUDENT   *August 2018 - May 2020*
West-MEC

- Gained practical skills in web development, learning HTML, CSS, JavaScript, and the MERN stack through hands-on coursework and projects.
- Worked in a team to design, develop, and deploy a mock website for a West-MEC program which was presented to West-MEC staff.

PROJECTS

BALLER PROPS - SPORTS RESEARCH TOOL | React, TypeScript, Python, FastAPI, Firebase   *December 2024*

- Developed a web app for NBA player prop analysis, displaying hit rates for daily games based on historical data.
- Provides detailed insights with hit rates and averages for current season, previous season and recent 5-15 games.
- Interactive data visualization with tables and bar charts for enhanced clarity and decision-making.
- Prop lines obtained from online sportsbook PrizePicks, for real-time analysis.

YARD LEDGER - INVOICE MANAGER | React, TypeScript, Tailwind, Firebase, Node.js   *January 2024*

- Designed and implemented a web application to streamline the invoice process and invoice generation.
- User authentication and real-time database synchronization, for secure access and up-to-date information.
- Deployed and integrated the web app into my parents landscape business, demonstrating practical functionality.

COIN EXPO - CRYPTO TRACKER | React, TypeScript, Tailwind, Express, Supabase, Node.js   *May 2024*

- Developed a web application to list and track top-ranking cryptocurrencies.
- Implemented real-time price updates and statistical data for individual coins.
- Integrated the CoinMarketCap and CoinGecko APIs for fetching the live crypto data.
- Enhanced user experience with intuitive UI design and responsive layout.