# Emmanuel Cortes Castaneda

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## 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, 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

**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.

**ASTRO SEED** | Python, TensorFlow                                           *September 2023 - April 2024*

- Capstone project at ASU, working within a Scrum-based team to design and develop a deep learning model.
- The model's goal is to assess the intricate relationships between plant species and their environmental factors.
- Actively engaged in regular communication and coordination with cross-functional teams to ensure the project's success and integration with other components.