JOHN CORBACHO

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EDUCATION

Florida International University **April 2026**
BS Computer Science, Mathematical Science minor, 3.9 GPA, Dean's List
Relevant Courses: Database Management Systems, Data Structures, Computer Architecture, Artificial Intelligence
Google Tech Exchange Program, Spring 2025
Coursework: Applied Data Structures, Product Management, Software Engineering

SKILLS

Programming Languages: Java, JavaScript, TypeScript, Python, C/C++, C#, SQL, HTML, CSS
Frameworkds and Tools: Git, Vercel, IntelliJ, React, Swift, Spring, MacOS, iOS, Linux, Windows, MongoDB

EXPERIENCE

LIVE4LIFE **April 2025 - Present**
Software Engineering Intern

- Engineered scalable and reusable UI components leveraging **React**, **TypeScript**, and **Styled Components**, accelerating interface development cycles by 40% while maintaining design system integrity across the application. Collaborated closely with product stakeholders to ensure seamless integration with evolving design specs and usability standards.
- Contributed to the development of a real estate platform architected to streamline off-campus housing discovery for students, supporting a pre-launch startup with a projected **10,000+ user** base. Operated within an **agile**, milestone-driven roadmap to deliver production-grade features while balancing performance, scalability, and launch readiness.

PROJECTS

FitGram (Full Stack) | Streamlit, Google's BigQuery, VertexAI

- Created a community-based workout tracking platform leveraging **Streamlit** to implement 4+ custom pages.
- Architected and maintained a comprehensive database system using **Google BigQuery**, consisting of 6 interconnected tables that efficiently managed workout metrics and user profile data.
- Developed 8+ **SQL** scripts to store and retrieve user information, including posts, user profiles, and user workouts
- Integrated **Google's VertexAI** to develop an intelligent feedback system to give personalized recommendations based on 6+ performance metrics on previous user workouts

Shell Hacks Budgeting website

- Developed a **React-based** web app that automates budgeting by dynamically calculating financial plans based on user income, using **JavaScript** for business logic and a responsive UI, integrating real-time data visualization for financial insights.
- Worked collaboratively with a team to design a mobile-friendly interface using React Hooks and **CSS**, optimizing front-end performance and improving the overall runtime by 25%.

React Personal-Portfolio

- Developed a personal portfolio website from the ground up, utilizing **HTML** for the structure and CSS for the design, resulting in a visually appealing and user-friendly online presence.
- Implemented responsive design techniques to ensure the portfolio website is fully optimized and accessible across various devices and screen sizes, enhancing the user experience.

Canary AI language translator

- Developed an **AI-driven** language translation platform, integrating natural language processing models to provide accurate, real-time translations across 50+ languages.
- Integrated a speech-to-text API to enable seamless voice input functionality, enhancing user accessibility and interaction. Enhanced global accessibility for users with a focus on scalability and speed.

Skill-Hearth personal learning WebApp

- **Co-leading** the development of a comprehensive learning platform that uses React and **Tailwind CSS** to create. Visually appealing and user-friendly interface. Using **MongoDB** as the database and **JavaScript** as the backend.
- The objective of the site it to connect individuals with diverse skills, enabling users to input the skill they want to learn and be matched with others who can teach them.

EXTRACURRICULAR

Code Path | Technical Interview Prep 2, Internship Connection Program, Workday x CodePath Cohort
Teaching Assistant at FIU | Mentored 30+ students in Java programming, debugging, and algorithm design