

Kristian Correa

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EDUCATION

Florida International University

Aug. 2024 – Dec. 2026

Bachelor of Science in Computer Science, Minor in Business

Google Tech Exchange, Competitive Technical Program

Jan. 2025 – May 2025

- Received direct **mentorship from Google engineers**, developing industry-level software engineering skills.

EXPERIENCE

Software Engineering Intern

May 2025

UKG (Ultimate Kronos Group)

Weston, Florida

- Worked in an **Agile team** of five to **build an AI-powered internal tool** that **helps managers** identify skill gaps and recommend development paths using real-time employee competency data.
- Built the tool using a **Spring Boot backend** integrated with the **OpenAI API**, a **PostgreSQL database** containerized with **Docker**, and a responsive frontend built with **React and Next.js**.
- Presented** the final product to **50+ UKG engineers and stakeholders**.

Front-End Engineer

Apr. 2024 – Aug. 2024

Law Detail

Miami, Florida / Remote (Hybrid)

- Collaborated with a team of developers and utilized their database to digest data and **dynamically generate data visualizations using React**, creating pages with charts for insightful analysis
- Developed the front-end using React and TypeScript**, ensuring an intuitive and responsive user experience tailored for legal professionals.
- Implemented **advanced filtering options for interactive charts and graphs**, allowing users to analyze legal data effectively and extract meaningful insights.

Computer Science Tutor & Lab IT

Jan. 2023 – Present

MDC School of Engineering and Technology

Miami, Florida

- Mentored **over 150 students** in **Java, Python, and C++**, assisting with projects, homework, and exam preparation, on average **improving student grades by 20%**.

COMPETITIONS & CHALLENGES

2024 ShellHacks Winner, Team Financio

devpost.com/software/financio-xg15bp

- Secured **2nd place in Vanguard's category** at **Florida's largest hackathon**, among **257 projects** and over **1,400 participants**.

ICPC 2022 USA Southeast Regional, Coding Competition

- Won **silver medal** in Division 2 with my group of 3 teammates, solving the proposed challenges using Python.

PROJECTS

TLDR | *HTML, CSS, JavaScript, Flask, Python, Bart AI Model*

github.com/KristianCorrea/TLDR

- Developed a browser extension** that summarizes web articles with a single right-click using an **AI-powered BART model**, saving users time and helping them avoid clickbait content.
- Engineered an efficient **text extraction pipeline** using **Cheerio.js** to filter out unnecessary content, ensuring high-quality article summaries.
- Built a **Flask API backend** to **host the AI model** and implemented intelligent chunking to process articles of any length despite model token limitations.

Financio (ShellHacks 2024) | *React, NextJS, MySQL, Microsoft Copilot Studio, Docker*

www.financio.life

- Developed the front-end budgeting tool using **Next.js**, enabling users to track and categorize their expenses for better financial planning.
- Integrated and fine-tuned the **AI chatbot using Microsoft Copilot Studio**, ensuring accurate and context-aware financial guidance for users.

TECHNICAL SKILLS

Languages: Java, Python, C++, Apple Swift, SQL, JavaScript, TypeScript, HTML/CSS, Bash

Technologies: React, Next.js, Express.js, Node.js, MongoDB, Springboot, PostgreSQL, Tailwind, Flask, JUnit, WordPress, Material-UI, FastAPI, PowerBI, Git, Docker, Postman, Xcode, Azure, Google Cloud Platform, MCP