

# Carlos Crespo

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## SUMMARY

CS graduate from USF who builds and ships full-stack web applications. Combines technical skills in Python, React, and JavaScript with real-world business experience, turning a struggling cafe profitable with 107% sales growth while completing my degree.

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## EDUCATION

### Bachelor of Science in Computer Science University of San Francisco

Coursework: AI & Machine Learning, Operating Systems, Web Development, Systems Programming

Built ML pipelines with scikit-learn including Random Forest classifiers. Used Git/GitHub for version control and collaborative development.

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## PROJECTS

### Markdown to HTML Converter | [Live Demo](#) | [GitHub: Crespo1301/MarkdownToHTML](https://github.com/Crespo1301/MarkdownToHTML)

Built a full-stack converter with Python backend, Flask API, and live browser preview supporting real-time Markdown rendering. Implemented custom regex-based parser handling headers, lists, code blocks with syntax highlighting, tables, and blockquotes.

- Deployed as serverless functions on Vercel with 73 unit tests covering parser functionality

### Personal Finance Dashboard | [Live Demo](#) | [GitHub: Crespo1301/finance-dashboard](https://github.com/Crespo1301/finance-dashboard)

Built a React finance tracker with Chart.js visualizations for expense breakdowns, budget alerts, and monthly trends. Implemented multi-currency support, transaction filtering, CSV export, and localStorage persistence

### CLI Pomodoro Timer | [GitHub: Crespo1301/pomodoro-timer](https://github.com/Crespo1301/pomodoro-timer)

Built a Python command-line productivity timer with live progress bar, session tracking, and JSON-based statistics

Zero external dependencies, uses only Python standard library

### AI Model Performance Analyzer | [GitHub: Crespo1301/AI\\_Analyzer\\_Crespo](https://github.com/Crespo1301/AI_Analyzer_Crespo)

Built a platform comparing AI betting predictions across seven scoring categories with real-time filtering and visualization

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## WORK EXPERIENCE

### Web Designer / Developer - Contract

Mar 2025 - Present

- Designed and launched client websites including [la-joya-cafe.com](http://la-joya-cafe.com) and [cc-pi.com](http://cc-pi.com), handling everything from brand identity to deployment
- Implemented SEO and performance optimizations; provided ongoing maintenance and content updates

### General Manager - La Joya Cafe

Sep 2024 - Dec 2025

- Grew sales 107% and turned monthly losses into profit through website improvements, brand development, and social media marketing
- Streamlined operations by auditing finances, tracking inventory, and retraining staff on service standards

### General Manager - The Midway SF

Mar 2022 - Sep 2024

- Ran daily operations for a multi-venue arts space, leading teams of 7-10 across service, kitchen, and cashier roles
  - Managed inventory, cost tracking, and financial reporting; coordinated events with artists, vendors, and staff
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## KEY SKILLS

- Languages: Python, Java, JavaScript, C, HTML/CSS
- Frameworks: React, Next.js, Flask, Tailwind CSS, Chart.js
- Tools: Git, GitHub, Vercel, Linux, VS Code
- Other: ML pipelines, REST APIs, responsive design, SEO