Carlos R. Cáceres Martínez

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PROFESSIONAL EXPERIENCE

Lead Software Engineer | *EasySpeak* | Remote | Aug. 2023 - June 2024

- Built and deployed a responsive web platform using React.js with Netlify, delivering a seamless user experience.
- Developed a cross-platform mobile app using React Native, ensuring compatibility with both Android and iOS.
- Designed the backend architecture with Python and Flask, enabling fully customizable server-side functionality.
- Administered and optimized Google Firebase for scalable database management and cross-platform usability via the Firebase SDK.
- Maintained the infrastructure for web and mobile apps, prioritizing security, scalability, and efficiency.
- Directed DevOps efforts to align the product lifecycle with company timelines.
- Conducted team training on new technologies through video demos, internal documentation, and curated resources (🔗)
- Collaborated with marketing to train teams on the product, equipping them to address client and investor inquiries while safeguarding sensitive information.
- Conducted a financial analysis targeting an initial 20% profitability goal (🔗).
- Led machine learning research, focusing on computer vision, audio processing, and LLMs.
- Led a team of three to develop an AI-powered app that helps users improve their English accents through AI voice analysis.

Lead Kitchen Cook | *R.A.: Compass Group @ Google* | Seattle, WA. | Jan. 2020 – Oct. 2024

- Designed seasonal menus using locally sourced products to cut the kitchen's carbon footprint.
- Created innovative menus by integrating AI tools like ChatGPT (🔗).
- Reduced food waste by implementing data-driven procedures to track foot traffic and consumption.
- Delivered weekly specials, including pop-ups and holiday features, to serve 400 guests daily.
- Led a team of 4 and together we ensured high-quality service and efficiency.

Warehouse Attendant | *R.A.: Compass Group @ Google* | Seattle, WA. | Oct. 2024 - Present

- Inspect and ensure all products meet safety guidelines and client standards.
- Track inventory, safety, and financial records with precision.
- Optimize product flow with a "First In, First Out" (FIFO) system.
- Identify and address workplace hazards as a key member of the safety committee.
- Handle 10–15k pounds of daily shipments across four buildings in a team of 4.

MENTORSHIP

- Led group and one-on-one study sessions at Coding Dojo and the University of Washington, including recording personalized lessons for classmates (🔗)
- Mentored others in support of their study journeys. See recommendations on my LinkedIn (🔗)
- I have built beginner lessons for people who are self-teaching (🔗)(🔗)(🔗)

PERSONAL PROJECTS

User-Agent Collection Script for Django | *Python* | (🔗)
> This project features a Python script for Django (2.2+) that logs user-agent data and provides insights into users visiting your web app without requiring them to create an account. The script collects and stores key details such as IP addresses, device information, geolocation, and browser details, enabling user behavior analysis while maintaining ethical usage guidelines.

Robinhood API interface | *Python* | *In progress* | (🔗)
> This project is a Python-based interface for interacting with the Robinhood brokerage API, designed to streamline trading operations and enhance financial analysis. Using the Robin Stocks library, the project goal is to integrate AGI (Artificial General Intelligence) with trading tools to enable automated financial decision-making and analysis.

React-Unused-Image-Finder | *JavaScript* | *Published as NPM* | (🔗)
> This project provides a robust Node.js based script designed to streamline image asset management within React projects. The tool identifies unused images by analyzing imports in JavaScript, JSX, TypeScript, and TSX files, making it an essential utility for maintaining clean and efficient codebases.

HACKATHON PROJECTS

HackSea 2022 @ Amazon (🔗) | *Team Lead* | *Technical Analyst*
> Led the development of a solution to streamline connections between individuals and mental health providers. Designed a system to track user data, enabling better insights into mental health progression and fostering personalized care. See the pitch (🔗)

AI Hackathon 2.0 @ Leaner Startups (🔗) | *Team Lead* | *Technical Analyst* | *Software Developer*
> Led a team to develop a solution that bridges the gap between Venture Capitalists (VCs) and startups. Utilized ChatGPT for context-based recommendations and AWS Lambda for seamless execution. Designed a system where users can input their pitch, and ChatGPT analyzes a VC database to identify potential investors aligned with the startup's goals. See the demo (🔗)

AI Hackathon 3.0 @ Leaner Startups (🔗) | *Technical Analyst* | *Software Developer* | *Semi-Finalist*
> Developed a solution to help students in their studies by having a personal AI tutor. The AI model would be trained on course material and help the student through an integrated chat to any platform that the student may choose. See the semi-final QA (🔗)

EDUCATION

Coding Dojo | *Full-Stack Python Development Certification* | Bellevue, WA. | 2021
University of Washington | *Full-Stack Javascript Development Certification* | Seattle, WA. | 2022

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML5, CSS3 | **Frameworks/Libraries**: Django, Jinja2, Flask, Express, Node.js, View Engine EJS, jQuery, React.js, React Native, JEST, ESLint, Bootstrap, React-Bootstrap, Tailwind CSS, Material UI, Phosphor Icons, Animate.CSS, Pure CSS, React-Router, React-Tilt, Three.js | **Deployment/Serverless**: Netlify, Google Cloud, AWS EC2, AWS API Gateway, AWS Lambda, Heroku | **Databases**: SQlite3, MongoDB, Google Firebase, AWS Dynamo DB, MySQL | **Tools:** Git, GitHub, VS Code, Vim, Balsamiq, Adobe Premiere Pro, Adobe Lightroom, Adobe Audition, Adobe Illustrator, Figma, ChatGPT, Chat GPT with Custom GPT's, GitHub Copilot, Microsoft Office Word, Microsoft Office PowerPoint, Microsoft Office Excel | **OS**: Windows, Linux Ubuntu, MacOS