Jacobo Ceballos

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EDUCATION

Virginia Commonwealth University, College of Engineering   *Aug. 2022 - May 2025*
B.S. Computer Science, Minor in Artificial Intelligence | Major GPA: 3.6   *Richmond, VA*

SKILLS

Programming Languages: Python | SQL | Java | HTML | CSS | JavaScript | Bash/Shell Scripting |
Technologies/Frameworks: LangChain | Azure | Azure Databricks | React | Flask | Excel | Github | MS Office | Linux
Certifications: Databricks: Generative AI Fundamentals | Google: Google My Business | LinkedIn: Linux Command Line
Languages: Fluent Mastery: English | Native Proficiency: **Spanish**
Interpersonal: Excellent communication | emotional intelligence | team player | self-driven | sales | problem-solver |

PROFESSIONAL EXPERIENCE

AI/BI Software Developer Intern   *May 2024 – Present*
Seedmetrics   *Richmond, VA*
- Spearheaded the development of a Retrieval-Augmented Generation (RAG) language model within Databricks, leveraging Python and LangChain to empower clients with self-service business intelligence (BI) capabilities.
- Oversaw all project phases, including research, consulting, and development, with the goal to ensure the seamless integration of the RAG model into the company's app for enhanced client analytics once fully developed.
- Fine-tuned the RAG model which was built on the DBRX foundational model to deliver accurate, data-driven insights, improving client decision-making through enhanced metric interpretation.
- Took the company's problem of needing more efficient, client-accessible analytics and provided a scalable solution that will continue to be improved upon as the business grows.

Full Stack Freelance Software Developer   *May 2024 – Aug. 2024*
Clementine LLC   *Richmond, VA*
- Took full ownership of the consulting process, from identifying client challenges to researching and developing customized web solutions that streamlined customer management and transaction processing.
- Designed and implemented a scalable customer database using Python, SQL, and Azure, processing over 10,000 lines of data from Excel to streamline transaction tracking for multiple thrift store locations.
- Created an intuitive, user-friendly frontend and backend using React and Flask, enabling employees to efficiently access and manage customer information and transaction history.
- Ensured seamless integration of the database within the company's operations, improving data accessibility and operational efficiency across locations by deploying a web app on Azure that is available to the employees.

Freelance Bilingual Web Developer   *Dec. 2023 – June 2024*
Dasta Contracting   *Richmond, VA*
- Designed and developed a bilingual website to effectively showcase Dasta Contracting's services and company background.
- Enhanced the business's online presence by creating a user-friendly interface with seamless navigation, aimed at attracting more customers.
- Utilized HTML, CSS, and JavaScript, while maintaining regular consultations with the client to ensure alignment with their vision and goals.

Artificial Intelligence Evaluator   *May 2024 – Present*
Outlier   *Richmond, VA*
- Collaborated with leading companies to optimize their AI models by providing comprehensive human feedback, improving content quality and model performance.
- Assessed AI-generated content for factual accuracy, clarity, conciseness, and grammatical precision, ensuring adherence to high standards.
- Conducted peer reviews of fellow evaluators' work, delivering insightful feedback and maintaining evaluation consistency. Provided top-tier responses to diverse prompts, ensuring creativity and originality in addressing complex AI queries.

LEADERSHIP EXPERIENCE

Project Manager | Virginia Department of Small Business & Supplier Diversity VCU Capstone   Sep. 2024 - *Present*
- Leading a team working with the Virginia Department of SBSD to integrate a chatbot into their website, ensuring compliance with the governor's Executive Order 30 and improving accessibility for small businesses.

Mentor | Waymakers Foundation   *Jan. 2024 - Present*
- Mentored Hispanic children from low-income families in Science, Math, and English, taught English to K-5 students, and assisted with cultural food drives and grocery deliveries to low-income households.

Recruitment Chair & Professional Development | Society of Hispanic Professional Engineers   *Aug. 2023 - Present*
- Lead recruitment efforts, organize networking events with employers, and facilitate professional development workshops to enhance members' career-building skills.