Juan Calderon

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EDUCATION

Mcclure, Ward and Lee University   Traciebury, CT

B.Sc in Computer Science
2021 - 2024 / GPA: 3.81
Dean-s List - Fall (2021)
Relevant Coursework: React, Node.js, AWS, C++, HTML/CSS

Williams and Sons School   Jacquelineland, India

Grade 12(CBSE) - Year of Completion (2020) - GPA 3.42
Grade 10(CBSE) - Year of Completion (2015) - GPA 3.16

EXPERIENCE

Frontend Developer   May 2023 - Aug 2025

Weaver Ltd
Created and maintained a scalable chatbot system using LangChain and pgvector. Integrated the chatbot with a product FAQ database and fine-tuned the retrieval system using semantic search.

Data Science Intern   Jun 2024 - Sep 2025

Wiley, Tapia and Smith
Created and maintained a scalable chatbot system using LangChain and pgvector. Integrated the chatbot with a product FAQ database and fine-tuned the retrieval system using semantic search.

Data Science Intern   Jun 2023 - Aug 2024

Bennett, Rojas and Parker
Led the migration of a monolithic backend to a microservices architecture using Node.js and Docker. Developed internal CLI tools for deployment automation and monitoring services.

SKILLS

MongoDB, AWS, HTML/CSS, Flask, SQL

PROJECTS

- Created a responsive personal finance tracker web app using Flask and Chart.js. Users can categorize expenses, generate monthly reports, and visualize spending trends with dynamic charts.
- Designed and developed an online bookstore REST API using Django, Django REST Framework, and PostgreSQL. Implemented search, filtering, and pagination with token-based authentication and role-based access.

- Developed an e-learning platform with user sign-up, video lessons, and real-time quizzes using Firebase for backend services and React for the frontend. Deployed to Firebase Hosting and integrated email notifications.