CÉSAR GARCÍA

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PERSONAL STATEMENT

Bilingual Software Engineering student skilled in full-stack development, data analysis, and team leadership. Strong communicator seeking internship/co-op for Winter 2026

EDUCATION

Bachelor of Science in Software Engineering   Expected graduation: April 2027

Schulich School of Engineering, University of Calgary   *Cumulative GPA: 3.1, last semester 3.74*

CORE SKILLS

Languages: C/C++, Python, RISC-V ASL, Java, JavaScript, TypeScript, SQL, HTML, CSS

Technologies: Git, MySQL, Bash, Flask, React, Next.js, Vite, Tailwind, SSMS, Power Automate, Selenium, npm

Concepts/Systems: OOP, MVC, Agile, Unit Testing (Pytest), Regression Testing, RISC-V ASL, Data Pipelines

WORK EXPERIENCE

Grupo Roble, La Libertad, El Salvador

Software Engineer Intern   *May 2025 - August 2025*

- Spearheaded deployment of ASP.NET MVC admin portal used by 5+ operational teams across Central America, boosting reporting efficiency by 40%
- Developed mobile app with Microsoft Power Apps, enabling secure access and reducing process time by 20%
- Integrated SQL Server for data persistence, enabling seamless reporting and real-time record updates
- Collaborated with BackOffice Systems Manager to align technical solutions with business objectives and drive team success

TBox, San Salvador, El Salvador

Software Engineer Intern   *May 2024 - August 2024*

- Collaborated within a team of 5 engineers to troubleshoot deployment issues, improving stability and usability
- Conducted end-to-end software testing and QA documentation for 8 modules, reducing defects by 30%
- Delivered documentation and conducted training sessions for clients, ensuring smooth rollout to 300+ users

PROJECTS

RateMyDino: Python| JavaScript

- Built a full-stack professor review app for University of Calgary students leveraging RateMyProfessor data
- Coordinated tasks within a 6-member team, ensuring on-time delivery of backend, frontend, and QA workstreams
- Collaborated with engineers to develop backend services, perform prompt engineering, and write unit tests with Pytest; improved system reliability by 15%
- Authored comprehensive technical documentation and coordinated feature prioritization within the development team

NBA MVP Rankings: Python (Modules: Pandas, Scikit-Learn)

- Engineered scalable data pipelines to analyze and predict NBA MVP trends across 75 seasons of data
- Applied ML techniques including Random Forest for outcome predictions; backtested results across 10 seasons
- Implemented backtesting to evaluate model performance across multiple seasons

AWARDS

Schulich School of Engineering Scholarship

Seymour Schulich Community Service/Entrepreneurial Entrance Award