

# CÉSAR GARCÍA

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## EDUCATION

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### Bachelor of Science in Software Engineering

*B.Sc in Software Engineering*

*Sep 2022 - May 2027*

**Relevant coursework:** Data Structure & Algorithms, Networked Systems, Object Oriented Programming, Full Stack Web Development, Machine Learning Systems, Software Architecture

Looking for a 12-16 month internship as part of an internship term.

## SKILLS

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

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

## EXPERIENCE

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**TBox**, San Salvador, El Salvador

*Software Engineer Intern*

*May 2024 - Aug 2024*

- Provided technical support for educational platforms, resolving issues and enhancing user experience for students and teachers.
- Conducted thorough testing and documentation of educational software, refining program performance and ensuring quality control across multiple projects.

**Grupo Roble**, San Salvador, El Salvador

*Software Engineer Intern*

*May 2025 - Present*

- Developing a payment confirmation interface integrated into internal systems.
- Creating and managing SQL Server tables using Microsoft SQL Server Management Studio (SSMS).
- Collaborated with senior engineers during onboarding and early phases of feature planning.

## PROJECTS

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

- Built a data pipeline to load, clean, and merge multiple CSV datasets.
- Trained a Random Forest model to predict MVP outcomes based on player and team statistics.
- Implemented backtesting to evaluate model performance across multiple seasons.

**Movie Theatre Reservation Application:** Java (Libraries: mysql-connector) | MySQL

- Designed and developed a Java application for interfacing with a movie theatre MySQL database.
- Cooperated with team members to plan, develop, and integrate application functionalities.
- Included features such as persistent user account creation, searching and selecting showtimes, and the purchasing, booking, and refunding of tickets.
- Utilised MySQL to manage datasets, data input, data retrieval, data manipulation, and user authentication