

# Krystal Morales

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## SKILLS

**Programming:** C++, Java, MySQL, Spring Framework, React.js, Docker

**Additional:** Fluent in Spanish, Project Management

## EDUCATION

**Tufts University** – Post-Baccalaureate in Computer Science

- Algorithms, Data Structures, Database Systems, Computational Theory

**University of California San Diego** – MA Latin American Studies

**The University of Texas at Austin** – BA International Relations and Global Studies

## LICENSES & CERTIFICATIONS

[Data Analytics Fundamentals](#) | [Google Cybersecurity](#) | [Dev10 Full Stack Java Developer](#)

## PROJECTS

### [National Park Web Application](#)

- Integrated an API to create interactive map functionalities
- Implemented Spring Security, enabling account creation and admin privileges.
- Ensured data integrity through a Docker-containerized MySQL database supporting CRUD.

## EMPLOYMENT HISTORY

**American Civil Liberties Union of Texas** | Operations Intern | Jun 2024 – Aug 2024

- Developed a new internship program and successfully launched the program.
- Collaborated with departments and implemented change management strategies.

**Tufts University** | Course Assistant | Jan 2024 – Aug 2024

- Provided feedback on C++ code quality and best practices on over 26 assignments.
- Guided students toward successful completion of assignments during office hours.
- Collaborated with professors to update course materials, ensuring curriculum relevance.

**Genesis 10** | Dev10 Associate | Jun 2022– Nov 2022

- Developed a web application using Git for version control and implemented CI/CD practices via GitHub Actions.
- Utilized a comprehensive tech stack: Java, REST APIs, SpringBoot, JavaScript, React.js.

**University of California San Diego** | Teaching Assistant | Aug 2018 – Mar 2021

- Designed comprehensive course specifications and learning objectives for 200+ undergraduate students.
- Trained in pedagogy practices emphasizing critical thinking and writing.