

# Olivia Martinez

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## Education

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### Texas State University, San Marcos, TX

B.S Computer Science | GPA 3.57 | Expected Graduation: December 2024

## Skills

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### Languages and Development Technologies

- Programming Languages: C++, Python, Java, JavaScript
- Front-end Web Development: React, HTML5, CSS3, Bootstrap, HTMX
- Back-end Web Development: Django, Node.js, REST API, JSON, SQL, OpenLDAP, Git

## Projects

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### Event Management System | TxST Network Infrastructure Team

- Developed a Django web application for Texas State University, serving 200+ Computer Science Master's students.
- Enabled comprehensive management of mandatory exams and lectures, including student registration, faculty event creation, and attendance tracking.
- Consolidated and enhanced two previous systems into a single, efficient platform, improving student degree progress tracking and event management at the university level.

### Step | Personal Project

- An online shoe store built with Django. Includes e-commerce functionality, sales report generation, and customer accounts.

## Experience

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### TxST Network Infrastructure Team

Jr. Web Developer / Instructional Assistant | March 2023 – Present

- Member of a 3-person web development team, contributing to various web applications.
- Provided peer tutoring to Computer Science students, significantly improving their academic performance and understanding of complex concepts.
- Played a pivotal role in student outreach, including organizing and teaching a REST API workshop for 30 college students.

## Coursework

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### Texas State University Computer Science

- Data Structures and Algorithms, Object Oriented Programming, UNIX Programming.
- Probability and Statistics, Calculus I and II, Discrete Mathematics I and II.

## Awards

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### Texas State University

- Current Texas State University Dean's list recipient.