

# JOAQUIN MAYORGA

Application Developer | IT Specialist

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## CAREER SUMMARY

Driven Computer Information Systems graduate at Cal Poly Pomona with a strong interest in application development, blending technical expertise with business and IT knowledge. Proficient in web development, user experience design, and optimizing system functionality to support business goals. Excels in developing programs utilizing API, REST API, and web services. Familiar with full-stack application development with a strong emphasis on creating friendly user experience. Experienced in working with Angular and various programming languages such as Python, Java, JavaScript, and TypeScript. Proficient in Management Information Systems with 1 year of experience troubleshooting technical issues, managing data, and creating reports with Microsoft Word and Excel. Adept at collaborating with teams to develop applications. Eager to contribute to innovative development projects that bridge technology and business.

## EXPERTISE

Application Development | Management Information Systems | Database Design & Development | AI Application | Project management |

## TECHNICAL SKILLS

Front-End Web Development | Back-End Web Development | Data Analysis | Geographic Information Systems | IT support | Angular | Python | Java | JavaScript | TypeScript | Spring Boot | Microsoft Excel | Microsoft Word | Web Services | API | REST API | AWS | SQL | C# | ASP.NET

## PROFESSIONAL EXPERIENCE

**MANAGEMENT INFORMATION SYSTEM TEACHING ASSISTANT** | California State Polytechnic University, Pomona | Pomona, CA | September 2023 – May 2024

- Supported the professor in delivering course materials on Microsoft Excel and Microsoft Word.
- Provided one-on-one and group assistance to students on Excel and Word projects, enhancing their technical proficiency.
- Diagnosed and resolved student challenges related to course content, troubleshooting software issues and clarifying concepts.
- Utilized Python and Pandas to manage data for business intelligence.
- Visualized data using various Python libraries.
- Applied data science in the areas of consumer demographics, retail business intelligence, and high frequency trading recommendation systems.

## ACADEMIC PROJECTS

### E – COMMERCE WEB APPLICATION

- Designed and developed a full-stack e-commerce web application.
- Implemented RESTful APIs to efficiently retrieve and manage back-end data.
- Built a dynamic front-end interface to display products from the back end.
- Developed key features including a functional search bar, shopping cart, and checkout system to enhance user experience.

## EDUCATION

BACHELOR'S OF SCIENCE | Computer Information Systems | California State Polytechnic University, Pomona

2020 – 2025

## RELEVANT COURSES

Client-Side Web Development | Server-Side Web Development | Database Design & Development | AI Application in Business | Management Information Systems | Business Intelligence | Local Analytics for Business | IS Project Management and Development