

OMAR J. GARCIA

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OBJECTIVE

Motivated IT professional and emerging full-stack software developer with a solid foundation in Java, Python, JavaScript/TypeScript, React, Node.js, and SQL / NoSQL databases. Proven ability to install, configure, and maintain hardware and software, troubleshoot network connectivity issues, and deliver responsive end-user support while writing clean, well-tested code and recommending technical improvements that boost system reliability and customer satisfaction.

EDUCATION AND LICENSES/CERTIFICATES

Bachelor of Science in Computer Science

California State University Dominguez Hills

2022-2025

East Los Angeles College, Monterey Park, CA

2017-2021

AA in Computer Science

December 2021

AA in Mathematics

December 2021

AA in General Science

December 2021

AWS Certified Cloud Practitioner

February 2020

Montebello High School

June 2008

Montebello, CA

EMPLOYMENT EXPERIENCE

Student Professional Worker IT, Agricultural Commissioner Weight and Measures, March 2024 Present

- Designed and maintained scalable RESTful microservices using Java Spring Boot, contributing to backend support tools that improved license management operations.
- Automated configuration and monitoring scripts using PowerShell and Python, reducing setup time by 40% and enhancing system reliability across field offices.
- Participated in agile development practices including sprint planning and backlog grooming, ensuring developer tasks were aligned with business goals and testable outcomes.
- Conducted peer code reviews and collaborated in pair programming sessions, increasing code quality and team knowledge sharing.
- Worked closely with cross-functional teams, including application developers and network engineers, to troubleshoot production issues and refine integration points.
- Customized commercial off-the-shelf tools (AD, LDAP, Entra ID, Autopilot, Trellox, TeamViewer) to align with evolving business and security requirements, reducing manual configuration steps by 60%.
- Documented standard operating procedures and contributed to internal knowledge bases to ensure continuity and efficiency during future onboarding or support transitions.
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Full-Time Customer Service Sales Associate/Freight Associate, The Home Depot May 2016 Present

- Provide fast friendly service by actively seeking out customers and assessing their needs and provide assistance.
- Apply Product Knowledge to better inform customers on the product we sell.
- Greet Engage and Thank customers for their business.
- Operate forklifts and perform critical functions for maintaining proper on-hands and pricing for our customers.

Administrative Assistant, Universal Lift Gate Service
Los Angeles, CA

March 2015- July 2016

Operations Manager/Supervisor, United Parcel Service Inc.
Vernon, CA

September 2008-January 2015

LANGUAGE AND SKILLS

- Bilingual in Spanish and English
- Programming Languages: Java, C++, C, Python, Visual Basic, HTML & CSS, SQL, Basic version control like Git.
- Excellent communication, time management, adaptability, collaboration, self-motivation, attention to detail, and a team player.
- System installation and technical support expertise, including building PCs from the ground up.

Projects

Windows 11 Deployment Project

Agricultural Commissioner Weights and Measures

- Leading a major deployment of new Windows 11 machines to field offices.
- Preparing systems with Trellix for endpoint security, TeamViewer for remote support, and Microsoft Autopilot for streamlined configuration.
- Ensuring strict adherence to departmental requirements and best practices for security, scalability, and user experience.

Breast Cancer Prognosis: Leveraging Cancer Registry Data for Survival Prediction Campus)

- Focused on a survival prediction task using comprehensive cancer registry data.
- Gained hands-on experience in data cleaning, feature selection techniques, and machine learning modeling tailored specifically to time-to-event data.
- Developed a deeper understanding of handling real-world health datasets, improving model accuracy, and translating results into actionable insights.

Predicting Crypto Market Trends using Machine Learning

CSUDH Software Engineering Course — Project Leader/Coordinator

- Coordinating a team of five to apply software engineering best practices, including project planning, task delegation, and version control.
- Leading system design and requirements gathering for a machine learning model that predicts cryptocurrency price trends.
- Overseeing integration of multiple data sources, code reviews, and iterative testing to improve model accuracy.
- Managing communication between team members to ensure timely progress, conflict resolution, and overall project success.