Gerardo Solis — Computer Science & Computer Information Systems

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Education

California State Polytechnic University-Pomona	**Mt. San Antonio College**
- Bachelor of Science - BS, Computer Science - Minor - Computer Information Systems - Jun 2021 – Present	- Associate degree, Mathematics - Aug 2014 - Aug 2021

Experience

JT4, Las Vegas · Software Engineer Intern   *June 2024 – August 2024*

- Developed a dynamic Desktop Data Visualization tool with SQLAlchemy, PyQt, and matplotlib, adaptable to multiple databases.
- Adhered to OOP and ACID principles; maintained thorough documentation for scalability.
- Streamlined data selection and visualization, enhancing user experience

City of Glendale, CA · IT Support Specialist   *Feb 2022 – Present*

- Managed users/computers via Active Directory on MS Server 2016 and Google Enterprise admin console.
- Collaborated on resolving a "domain trust issue" affecting the public library's domain.
- Fixed email delivery issues in a PHP-based system by configuring TLS-encrypted SMTP settings.

Achievements & Projects

- **HiveStorm**: Executed cross-OS malware purging.
- **CyberForce Team Captain, 2023**: Led system hardening and threat detection; 1st in blue-teaming, 16th overall out of 106 teams.
- **NCAE Regional Champion MVP, 2023**: Defended against complex red-team attacks; advanced to Nationals.
- **NCAE Team Captain, Regional Champion, 2024**: Led 12-member team in service hardening, DNS, and web security. Placed second in the National competition.
- **Malware Workshop**: Presented hands-on malware analysis, including DLL Injection.
- **Cyber Competition Dev**: Developed NCAE tryout challenges, replicating contest conditions.
- **BroncoHacks Full-Stack Dev**: Developed static frontend and backend for hackathon website.
- **Malware Project**: Focused on evasion techniques and analysis.

Certifications

CompTIA A+, Google IT, CompTIA Security+ (**in progress**), CRTO (**in progress**)

Tech Stack

- **Tech Stack**: System administration (iOS, Linux, Windows), AD, GP, CLI, C/C++, WinAPI, Assembly, Java, OOP, data structures, React, Node.js, Express, MySQL, AWS, CSS, HTML, JavaScript, Python, matplotlib, SQL, React, SQLALchemy, PyQt.