Johnny Haro

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in [LinkedIn](#)

EDUCATION

Santa Monica College, CA Associate's Degree in Computer Science (GPA: 3.786) Sep 2021 – Dec 2025
- AI Club, STEM/MÁS Program, Dual Enrollment throughout High School & University

Culver City High School, Culver City, CA High School Diploma (GPA: 3.7) Sep 2017 – Jun 2021
- State Seal of Biliteracy, AVID, AP Computer Science, YMCA Youth and Government, Honor Roll

RELEVANT COURSEWORK

- Data Structures with Java, Advanced Java Programming, C++ Programming, Internet Programming (HTML, CSS, JavaScript)
- Operating Systems, Assembly Language Programming, Computer Systems and Architecture
- Discrete Mathematics, Programming Abstractions (Python), Beginning Programming in Python

TECHNICAL SKILLS

- **Programming Languages**: Python, Java, C++, HTML, CSS, JavaScript, C, SQL, Assembly (MIPS)
- **Machine Learning Frameworks & Tools**: TensorFlow, scikit-learn, Pandas, NumPy
- **Tools & Platforms**: ServiceNow, Intune, Active Directory, Microsoft Office, Imaging Tools
- **Areas of Expertise**: Programming, Technical Support, Hardware Repair, Troubleshooting

WORK EXPERIENCE

Administrative Intern — *City of Santa Monica — Information Services Department (ISD)*   Jan 2025 – Present
- Supported departments at City Hall and all Santa Monica Library branches
- Updated databases, resolved hardware issues, and maintained networking infrastructure including firmware updates on Crestron devices
- Replaced desktops, performed hardware installation, and provided remote and in-person technical support

Client Services Technician Intern — *City of Santa Monica — ISD*   Jun 2024 – Oct 2024
- Diagnosed and repaired devices during 2024 CrowdStrike incident
- Provisioned and imaged laptops for use across city departments
- Replaced hardware, provided technical support, and resolved issues

Desktop Technician (Contract) — *The Aerospace Corporation (via Disys/Dexian)*   May 2023 – Sep 2023
- Managed ServiceNow Break/Fix tickets for end-users
- Imaged and repaired laptops, ordered parts, and installed peripherals
- Obtained DoD DBIDS clearance to support the Los Angeles Air Force Base

PROJECTS & RESEARCH

Static Friction Coefficient Predictor (Independent ML Research)   Oct. 2024 – Dec. 2024
- Designed and implemented a machine learning model using scikit-learn, evaluating static friction coefficients for diverse material pairs, with a 12.2% error rate
- Optimized model performance through advanced feature engineering and hyperparameter tuning, reducing prediction errors by addressing data discrepancies and enhancing regression algorithm efficiency
- Leveraged TensorFlow and Python for end-to-end development, including data preprocessing, statistical analysis, and model evaluation, resulting in improved predictive accuracy and insights
- Applied machine learning algorithms with focus on software design patterns and model evaluation metrics

AWARDS AND LEADERSHIP

California State Seal of Biliteracy   Jun 2021
Entry Level Programmer Certification — Santa Monica College   Sep 2024

PROFESSIONAL INVOLVEMENT AND VOLUNTEERING

Member — *SMC AI Club*   Mar 2024 – Present
- Attended workshops related to core concepts in machine learning, data science, and neural networks
- Developed machine learning models to simulate data aligned with physics based mechanics principles
- Participated in discussions on the ethical challenges and practical uses of AI across industries such as healthcare, education, and transportation
- Reviewed AI research to deepen understanding of algorithms, model performance, and ethical considerations
- Attended group lectures and Q&A sessions with industry professionals and university researchers
- Implemented machine learning models to classify and visualize datasets using pandas and matplotlib