

Suren Tumasyan

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EXPERIANCE

HPRC Medical supply store - IT Specialist July 2019 - Present

- Managed inventory & POS systems across 3-store retail network, reducing stock discrepancies by 15%
- Administered security camera infrastructure and server backups, improving uptime to 99.9%
- Created and distributed monthly Excel/Google Sheets performance reports, informing pricing and ordering decisions

EDUCATION

California State University, Northridge Aug 2022 - May 2025
Computer Science Bachelors Degree

- Relevant Courses: Multimedia System Design, Machin Learning, Data Mining, Hunan Computer Interaction

Glendale Community College Aug 2018 - May 2022
Computer Science C.S. Prerequisites

PROJECTS

“The Crucible” - Multimedia Automation Script Jan 2025 - May 2025

- Developed a Python automation pipeline to parse Baselight render metadata and compute exact frame file paths in seconds, slashing manual lookup time by over 80%.
- Architected a data ingestion process that loads proprietary frame data into a central database for on-demand analytics and team performance tracking.
- Automated generation of CSV/XLS reports complete with timecode stamps and thumbnail previews, and integrated seamless Vimeo uploads for stakeholder review.

Machine Learning & Data Mining Aug 2024 - Dec 2024

- Trained linear and RBF SVM classifiers on MNIST using one-versus-all achieved 74% test accuracy
- Built a loan-eligibility predictor using pandas, NumPy, and scikit-learn; optimized feature encoding to improve recall by 12%

Techmetrica - Full-Stack Web App Jan 2025 - May 2025

- Developed a survey-based web application using TypeScript, Node.js, Express, and MySQL
- Implemented RESTful APIs and React frontend; collected 100+ user responses and reduced page load times by 30%
- Collaborated with a multidisciplinary team to ensure UX accessibility and data integrity

QA Script - Multimedia Systems Design Jan 2025 - May 2025

- Engineered a Python QA framework that consolidates and deduplicates global testing outputs from App Testing workflows into a unified QA database.
- Crafted dynamic report generation to list blockers, retests, timestamps, and user-specific issues with a single command, enabling instant visibility into quality bottlenecks.
- Streamlined QA distribution by automating report scheduling and delivery—cutting manual reporting effort by an estimated 70%.

TECHNICAL SKILLS

Languages: Python (intermediate), C/C++ (intermediate), JavaScript, Java, Go, TypeScript

Frameworks & Tools: Node.js, React js, Express js

Developer Tools: GitHub, Git, VS Code, Jira, Slack, AWS, MySql, MongoDB, Docker, REST APIs

Other: Linux, Bilingual