Jimmy Nguyen

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EDUCATION

California Polytechnic State University, Pomona (CPP)   *Expected May 2026*
Bachelor of Science in Computer Science | Minor in Data Science   *GPA: 3.80*

Relevant Coursework: User Interface Design and Programming, Systems Programming, Object-Oriented Design and Programming, Data Structures & Algorithms

Certifications: Google IT Support Professional

WORK EXPERIENCE

CALSys Lab   Jul 2025 - Present
Researcher   Pomona, CA
- Built and maintained automated data collection pipelines to scrape and preprocess illegal drug content from dark web marketplaces and forums, transforming unstructured text into structured datasets for analysis
- Implemented and evaluated machine learning classifiers to distinguish drug-related content from non-drug data, supporting scalable filtering for research tasks

Student Unmanned Aerial Systems Competition sponsored by **Lockheed Martin**   Aug 2024 - Present
Object Recognition Team Lead   Pomona, CA
- Deployed a custom data pipeline to aggregate and preprocess images reducing preprocessing time by 30%
- Fine-tuned YOLOv8m object detection model improving performance on mission-critical object classes by 50%
- Evaluated and optimized dataset quality through iterative training cycles, label validation, and error analysis

Best Buy   Oct 2025 - Present
Product Flow Specialist   West Covina, CA
- Managed inventory intake, organization, and fulfillment using internal information systems, ensuring accurate data tracking and efficient product flow across departments

Freelance IT Technician   Jan 2020 - Jan 2023
- Assembled and configured 10+ custom desktop systems, including hardware installations, operating system setup (Windows, MacOS, Linux), and driver/software configurations
- Diagnose and resolve issues including slow boot times, network connectivity, and application errors
- Advise on part selection and deliver clear technical support to non-technical users

PROJECTS

Raspberry Pi Linux Homelab   May 2025 - June 2025
- Deployed and configured a Raspberry Pi running Linux, enabling SSH access, Samba file sharing, and hosting services via Apache web server
- Configured a secure VPN to remotely access a home desktop from campus, enabling off-site use of course-required software

Steam Games Data Analysis   September 2024 - December 2024
- Analyzed a dataset of 10,000+ Steam games to uncover insights and performed exploratory data analysis (EDA) to visualize key relationships between the attributes
- Implemented a K-Means clustering model to classify games as successful or unsuccessful and a Decision Tree model to predict the success of future games based on current attributes

SKILLS

Technical Skills: Windows, Linux, MacOS, Bash, Python, Java, Git, SQL, HTML/CSS, Javascript
Tools and Technologies: MongoDB, Express, React, NodeJS, Pandas, Microsoft Office, Scripting, Automation, Active Directory, TCP/IP, DNS, DHCP, Remote Desktop (RDP), Group Policy (GPO)
Soft Skills: Good Time Management | Strong Communication | Customer Service | Team Collaboration