NUTTHAWAT PANYANGNOI

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EDUCATION

Las Positas College GPA: 3.5/4.0 **Aug 2018 − May 2022**
Associate in Science in Computer Science with Minor in Math   Livermore, CA

San Jose State University GPA: 3.31/4.0 **Aug 2022 − Dec 2025**
Bachelor of Science in Computer Engineering with Minor in Computer Science   San Jose, CA

RELEVANT COURSEWORK

- Software Engineering
- Digital Circuit Design
- Advanced data structures
- and algorithms
- Embedded Systems
- Advanced SQL
- Computer Networks
- Microprocessors Design
- Computer Architecture
- OS Design
- Assembly Language (MIPS, NASM, MASM)

TECHNICAL SKILLS

Languages: Python, CSS, HTML, mySQL, React, C, C++,Javascript, MongoDB, NodeJS, PHP, Verilog, BASH Script and more

Frameworks and Programming Libraries: Git, GDB (Debuggers), Lt Spice, Flask, Numpy, Pandas, Pytorch

Softwares: SOLIDWORKS, Adobe Creative Suit, Microsoft Office, VMware, Docker, Timberline Accounting, Sage, and HCSS.

Networking Configuration: TCP/IP, DNS/DHCP, NAS Configuration, and VPN Configuration.

Hardware Configurations: Computer Server setup, System Assembly, CPU Socketing, BIOS Update/Flashing, Disk Configuration, and Network configuration.

Operation Systems: Windows, Linux distros(Mint, Arch, Elementary, more), and macOS.

PROFESSIONAL WORK EXPERIENCES

Mountain Cascade, Inc **March 2020 - August 2023**
IT technician   Livermore, CA
- Delivered comprehensive technical IT support for engineers, resolving complex hardware, software, and network issues.
- Diagnosed and resolved complex hardware and software issues, with a specialization in Windows environments.
- Enforced security policies on servers to ensure data integrity and protection,aligning with organizational objectives.

Amber System Technology **April 2018 - March 2020**
Frontend Software Developer   Pleasanton, CA
- Created intuitive UX/UI designs for POS systems improved 50% user experience , based on customer feedback.
- Oversaw web content and development projects, ensuring consistency with branding and alignment to client requirements.
- Offered technical customer support via Cisco VoIP, for efficient and effective problem resolution.

Volcano Splash Drinks **August 2013 - December 2018**
Barista and Operations Lead   Tracy and Stockton, CA
- Handled daily complex operational challenges including inventory, staff training, and customer service.
- Optimized business layout and processes, enhancing customer flow and operational efficiency.
- Implemented solution operating procedures, ensuring consistent delivery of top-quality customer service.

PROJECTS (For more projects please checkout project links on:(https://kur0neko.com)

Neural Network Machine Learning (Python, Pytorch, Pandas, Numpy)
- Developed a Neural Network model to analyze handwritten digit images, achieving 80% accuracy

Note Hub (Python, Flask, SQLAlchemy, Jinja2, EmailValidator, Anaconda)
- Web application which inspired by Notion note implemented with python and its libraries

EXTRACURRICULAR

NASA L'Space Program Project Proposal and Mission Concept Academy April 2024 - December 2024
- Extensive workforce development program that designed to provide hands-on learning and insight from NASA
- Co-authored technical technology proposal in response to request from NASA Marshall Space Flight Center

Engineering Honor society: Tau Beta Pi

SJSU Clubs: SJSU Machine learning,Competitive programing, MESA Engineering, SJSU CubeSat