

NUTTHAWAT PANYANGNOI

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EDUCATION

Las Positas College GPA: 3.5/4.0

Aug 2018 – May 2022

A.S. in Computer Science, Minor in Math

Livermore, CA

San Jose State University GPA: 3.3/4.0

Aug 2022 – Dec 2025

B.S. in Computer Engineering, Minor in Computer Science

San Jose, CA

RELEVANT COURSEWORK

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|----------------------------|--------------------|--------------------------|---------------------|
| • Software Engineering | and algorithms | • Computer Networks | • OS Design |
| • Digital Circuit Design | • Embedded Systems | • Microprocessors Design | • Assembly Language |
| • Advanced data structures | • Advanced SQL | • Computer Architecture | (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 (Small Family Business)

August 2013 - December 2018

Barista and Operations Lead

Tracy, 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

Active Member of Engineering Honor society: Tau Beta Pi

Active Member of SJSU Clubs: SJSU Machine learning, Competitive programing, MESA Engineering