

# NUTTHAWAT PANYANGNOI

San Jose, CA 95112

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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

- Software Engineering and algorithms
- Digital Circuit Design
- Embedded Systems
- Advanced data structures
- 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 Engineer

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

## ASSOCIATIONS & EXTRA ACTIVITIES

**NASA L'Space Program Project Proposal and Mission concept Academy**

Program Analyst and CDH engineer Researcher on Simulation discovery mission from NASA

**Active Member of Engineering Honor society: Tau Beta Pi**

**San Jose State University Clubs: Machine learning, Competitive programing, MESA Engineering**