

NUTTHAWAT PANYANGNOI (NATHAN)

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LinkedIn: [linkedin.com/in/nathan-panyangnoi](https://www.linkedin.com/in/nathan-panyangnoi), **Personal Website:** [https:// kur0neko.com](https://kur0neko.com) GitHub: github.com/kur0neko

Skills: C++, Python, Java, JavaScript, HTML, CSS, Bash Script, SQL, MongoDB, Node.js, Angular, PHP, Flask framework, Pytorch

Tools: AutoCAD, LT Spice, Adobe Creative Suit, VMware, AWS servers, Docker, git

Education:

B.S. In computer Engineering (GPA:3.287)

Expect graduation December 2025

San Jose State University, San Jose, CA

A.S. In Computer Science and Mathematics (GPA:3.5)

May 2022

Las Positas College, Livermore, CA

Coursework: C, C++ OOP, Advanced Algorithms, Data structures, Operating system design, Circuit Design, Circuit Analysis, Microprocessor design, project management (Agile, scrum, waterfall, etc), Assembly Language, Digital design, Computer Architecture, Compiler Design, Software engineering

Honors & Affiliations:

Dean's List: San Jose State Fall 2022, Las Positas College (Fall 2021)

Scholarship: Las Positas College EOPS Scholarship

Club: Tau Beta Pi Engineering Honor Society, MESA Engineering SJSU, SJSU machine learning, SJSU Software Engineering club

Projects:

Neural Network predict the number from input

on-going

(Train the Neural Network model to create the accurate prediction on the number)

Developed Web blog using Flask and Python Web development

November 2023

(Full Stack website application inspired by Notion with multiple features)

Develop Encryption Decryption program from NASM x86

August 2021

Experiences

NASA (NASA L'SPACE)

Program Analyst and Computer Hardware Engineer (internship) (Remote)

April 2024 - August 2024

- Conducted cost estimation for simulated lunar missions, using advanced methodologies and tools such as NASA MCCET and NICM CERs/SERs.
- Managed mission schedules from prelaunch to closeout, collaborating with project managers, scientists, and engineers.
- Engineered the design of the Command and Data Handling (CDH) subsystem, contributing to mission critical components of the project.

Mountain Cascade, Inc

IT Technician

March 2020 - August 2023

- Provided comprehensive IT support, significantly enhancing customer service and satisfaction for engineers, project managers and field workers.
- Advised on technology usage and process enhancements to streamline company operations.
- Managed and optimized Window Virtual Machine Servers, enabling seamless remote engineering work.
- Diagnosed and resolved complex hardware and software issues, with a specialization in Windows environments.
- Configured and enforced security policies and systems on Windows servers to ensure data integrity and protection, including technology upgrades and server optimization, aligning with organizational objectives.
- Delivered IT support for specialized applications, including HCSS, Sage products, and Timberline Accounting.
- Configured NAS server backups to ensure data continuity and security.
- Developed Windows BASH scripts in conjunction with Robocopy to automate data management tasks.
- Repaired laptops and desktop PCs, ensuring their optimal functionality and longevity.
- Set up and configured DNS/DHCP, printers, scanners, and VPN connections to the main office, ensuring seamless network and device integration.

Amber System Technology

Frontend Software Engineer

April 2018 - March 2020

- Developed intuitive UX/UI designs for POS systems, improving user experience and customer engagement.
- Managed web content and development projects, ensuring consistency with branding aligned to client requirements.
- Provided technical support via Cisco VoIP, consistently achieving positive client feedback for efficient and effective problem resolution

Volcano Splash Drinks (Small Private Family business)

Barista and Operations Lead

August 2013 - December 2018

- Optimized business layout and processes, significantly enhancing customer flow and operational efficiency.
- Developed Solution operating procedures, ensuring consistent delivery of highest-quality customer service.