

# Jason Tran

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## EDUCATION

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**Bachelor of Science in Computer Engineering**  
San Jose State University

**Aug 2024 – Expected May 2028**  
San Jose, CA

**High School Diploma**  
Franklin High School

**Aug 2020 – May 2024**  
Elk Grove, CA

## WORK EXPERIENCE

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**Finishing Department Intern**  
Micro-Mechanics, Inc.

**June 2025 – August 2025**  
Morgan Hill, CA

- Supported production of high precision parts supplied to leading technology companies.
- Operated finishing equipment for surface finishing (sanding, polishing, deburring, cleaning).
- Performed inspections to verify part quality and perfection.
- Collaborated with team members to improve process consistency and quality.

**Building Supervisor**  
Student Union, Inc.

**February 2025 - Present**  
San Jose, CA

- Conducted building inspections to ensure proper maintenance and safety of the Student Union Building.
- Lead and coordinate team members, providing training and guidance.
- Assisted in the setup of meeting rooms reserved for special events, including conferences and career fairs.
- Responsible for handling emergencies including fire alarms and security threats.

**Part – Time Server**  
Com Tam Thien Huong III

**July 2022 – May 2024**  
Sacramento, CA

- Greeted and served orders for customers in a timely manner.
- Handled transactions dealing with cash and credit cards at registers.
- Refreshed tables after guests quickly and efficiently to maintain a clean environment.

## LEADERSHIP AND PROJECTS

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**Raspberry Pi Network & Surveillance Project**

**January 2025 – March 2025**

- Built a personal VPN using WireGuard on a Raspberry Pi 3B+ connected through Oracle Cloud Server
- Configured Pi-hole DNS filtering routed through VPN to block ads and malicious traffic
- Integrated OV5647 camera module for live video feedback and image capture through local website
- Managed Linux-based system configuration, networking, and security (port forwarding, DNS, firewall rules)

**2024 Solar Regatta Boat Project**

**January 2024 - May 2024**

- Designed and built a solar-powered boat with a multidisciplinary team
- Created CAD models using AutoCAD and Fusion 360 for boat shell and structural components
- Optimized drivetrain system, earning Best Drivetrain Design Award

## CERTIFICATIONS

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- CareerSafe: OSHA General Industry 10 Hour Course & Teamwork Skills Training Course
- Adult and Pediatric First Aid/CPR/AED Certificate

## SKILLS

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**Languages** | C, C++, Assembly, Python, Javascript, HTML, CSS

**Tools/Software** | Excel, Word, PowerPoint, MATLAB, LTSpice

**Engineering/Manufacturing** | SolidWorks, AutoCAD, Fusion, Tinker CAD, Revit, Inventor