Andrew Bui

Management Information Systems Student at SJSU

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EDUCATION

San Jose State University — **San Jose, CA**
B.S. Business Administration, Concentration in Management Information Systems — *Expected Graduation: Aug 2027*

Orange Coast College — **Costa Mesa, CA**
Associate of Science for Transfer (AS-T) in Business Administration — *Graduated: Dec 2024*

WORK EXPERIENCE

Datest Inc — **Fremont, CA**
Test Engineer Intern — *January 2026 – Present*

- Program and debug SPEA Flying Probe test programs for PCBAs, including ITAR-controlled IPC Class 3 assemblies
- Program and operate Viscom automated X-ray inspection (AXI) systems; authored a Viscom AXI standard operating procedure
- Built internal tools, including an X-Ray Analyzer and a Production Tracker, to support inspection review and floor status tracking
- Wrote Python scripts to extract PCB failure data and built an offline utility to batch-rename AXI images
- Contributed to the integration of X-ray and CT-based inspection into the production workflow

Testing Operator Technician — *May 2025 – January 2026*

- Performed functional testing on PCBAs and assemblies using AFT, MFT, and Flying Probe systems
- Programmed and maintained ICT setups for SPEA 4060 OS1/OS2 platforms
- Diagnosed and troubleshot circuit boards to the component level using schematics and DMMs
- Supported data collection, test procedure documentation, rework, and inspection to IPC-A-610 standards

TECHNICAL PROJECTS

Waffle (feedwaffle.com) — **San Jose, CA**
Founder & Developer — *In Development*

- Designing and building a friends-only iOS photo-habit app with React Native, Expo, and Supabase
- Built a Waffle Plus subscription tier using RevenueCat with Supabase-managed entitlements
- Built a waitlist landing page with referral-based signups to grow the early user base

B's Bakes (bsbakes.com) — **San Jose, CA**
Freelance Developer — *November 2026*

- Built an online ordering site and kitchen dashboard for a local bakery with Google Apps Script and Sheets
- Enforced live pickup capacity and order rules, with automated payment, confirmation, and pickup emails
- Deployed the site on Cloudflare Workers and added staff sign-in with hashed access codes and rate limiting

VOLUNTEER EXPERIENCE

Echo.Church YA — **San Jose, CA**
Social Media Assistant — *January 2025 – Present*

- Create and schedule content across platforms to promote church events and strengthen community engagement
- Collaborate with the digital team to review engagement metrics and adjust strategy for improved reach

CERTIFICATIONS & SKILLS

- **Certification:** IPC-A-610 Certified IPC Specialist (CIS)
- **Test & Inspection:** SPEA 4060 Flying Probe (OS1/OS2), Viscom AXI, ICT, AFT/MFT, schematics, DMMs
- **Software & Data:** Python, JavaScript, SQL, Excel, PowerPoint, React Native, Expo, Supabase, Ubuntu Linux
- **Languages:** English (fluent), Vietnamese (conversational)