

Vinh Bui

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EXPERIENCE

ProNetworks

Santa Ana, CA

Automation and Web Solutions Specialist

January 2024 - Present

- **Developed and executed automated Python scripts** to test and validate Cisco machines, improving efficiency and reducing testing time by 50%.
- **Designed and maintained a web-based inventory management system**, implementing data validation and automated checks to ensure accuracy in tracking hardware.
- **Conducted software testing** on the inventory system, identifying and debugging issues to improve system reliability and user experience.

Inventory Associate

Dec 2022 – January 2024

- Managed **product listings** on eBay, optimizing descriptions, pricing, and customer communication, increasing sales by **50%**.
- Retrieved, packaged, and shipped inventory items, ensuring **accurate order fulfillment**.
- Assisted in **inventory organization and tracking**, maintaining accurate stock records.

The Coder School

Yorba Linda, CA

Tutor

February 2022 – January 2023

- **Designed and delivered weekly coding lessons**, enhancing students' ability to **problem-solve like programmers** through hands-on exercises.
- **Provided one-on-one coaching**, leading to an **improvement** in Python proficiency among students
- **Taught and guided students** in programming languages including **Scratch, Python, HTML/CSS, and JavaScript**, managing a class of up to **6 students**

PROJECTS

Inventory System

- **Designed and implemented** a custom **inventory management system** that increased warehouse operational efficiency by reducing retrieval and packaging times.
- **Built a professional, customer-facing interface**, allowing clients to **browse inventory and submit inquiries**, streamlining the sales process.
- **Integrated Firebase for real-time data storage and authentication**, ensuring **99.9% uptime** while securely managing **20,000+ inventory records**.

Cisco Device Testing Automation Scripts

- **Developed Python scripts to automate testing and diagnostics** for Cisco machines, reducing manual testing time by **50%**.
- **Implemented automated logging and report generation**, capturing **detailed test results** to ensure hardware operational readiness.
- **Created a user-friendly manual** to standardize test execution, allowing non-technical team members to efficiently run diagnostics.

EDUCATION

California State University, Fullerton

Bachelor of Science, Computer Science

SKILLS

Programming:	Python, JavaScript (ES6+), TypeScript, C++, HTML/CSS
Frameworks:	React, Next.js, Vite, Tailwind CSS, Firebase
Software:	Visual Studio Code, Firebase, Git, Github
Soft skills:	Agile / Scrum, Leadership, Problem Solving, Time Management, Bilingual (Vietnamese)