

# Tran Ngoc Thien

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## EDUCATION

### UNIVERSITY OF DAYTON

Bachelor of Science, Major in Computer Science, Minor in Entrepreneurship

Expected Graduation: July 2025

### COMPTIA

A + Certificate

April 2025

## EXPERIENCE

University of Dayton Center for Student Involvement

Dayton, OH

### Kennedy Union Operations Manager

July 2023 – Present

- Lead and train a team of up to 6 members, improving troubleshooting efficiency by 30% and reducing setup errors.
- Provide technical guidance on Crestron systems, audio setups, and complex event configurations
- Manage event operations, ensuring smooth execution and quick issue resolution

### Kennedy Union Operations Assistant

May 2022 – July 2023

- Delivered technical support for Crestron systems, audio setups, and IT equipment, resolving 90% of issues independently.
- Operated effectively under high-pressure environments while delivering customer support.
- Acted as a liaison between customers and managers to ensure effective communication and problem resolution.

## PROJECTS

### Movie Recommendation Web App

Team of 4 — Full-Stack Developer (Frontend + API integration)

- Built a cloud-based movie recommendation app using JavaScript, jQuery, Bootstrap, HTML/CSS, and TMDB RESTful APIs
- Developed interactive UI features: autocomplete search, clickable posters to embedded trailers, and cast/provider displays
- Integrated Azure-hosted recommendation API (Python + scikit-learn) with live TMDB API for real-time updates
- Used AJAX and responsive design for smooth dynamic content loading and improved user experience

### Cloud Web POS System

Team of 4 — Back-End Developer

- Developed a cloud-based POS system using RESTful API architecture and Neo4j graph database
- Designed backend logic for order processing, inventory management, and transaction handling
- Led backend testing, debugging, and file architecture to ensure system stability and scalability
- Managed deployment workflows and collaborated closely with frontend teammates to deliver a fully integrated system

## INVOLVEMENT

University of Dayton, Society of Asian Scientists and Engineers

Dayton, OH

### Co-Marketing Chair

Aug 2022 – Aug 2023

- Increased event engagement, leading to 120+ attendees at the SASE Regional event.
- Boosted social media engagement within three months through strategic marketing
- Developed and managed engaging promotional content with team members.

## SKILLS & INTERESTS

**Programming Languages:** JavaScript (Full Stack), Java, Python, C#, HTML, CSS, Node.js

**Media & Editing:** Sony Vegas Pro 15, Premiere Pro, DaVinci Resolve, Photoshop, OBS Studio, FL Studio 20, Ableton Live, Audacity

**Version Control & DevOps:** Bitbucket, GitHub

**Databases:** MongoDB, Neo4j

**Software & Platforms:** Windows, Linux, Microsoft Office

**Languages:** English, Vietnamese