Andy Phu

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EXPERIENCE

Jubilee St. Marie's Convenience Store & The Chair - *Technical Aide*　　　　**Aug. 2016 - Present**
- Co-created a website for The Chair (https://thechairmn.com/).
- Digitized products and services for both stores via shopify.
- Trained employees to use new POS systems (Talech POS, Shopify POS).

JR Computer Associates - *Information Technology Support*　　　　**Aug. 2022 - Aug. 2023**
- Maintained a SQL database of student records via phpMyAdmin.
- Troubleshooted problems brought by students and faculty.
- Installed and repaired network infrastructure with a small team.

Interrante Research Group - *Undergraduate Researcher*　　　　**Aug. 2022 - Present**
- Lead a collaborative study on the effects of simulated environments on humans.
- Helped organize a study on the potential use of VR to reduce implicit bias.
- Developed a web app to automate participant logistics.

PROJECTS & INVOLVEMENT

Interview Coach　　　　**Oct. 2023 - Present**
- Used ChatGPT API, PRAAT, etc. to analyze speech and provide interview tips.
- Currently developing an interface with Tkinter.

https://andyphu.com　　　　**Aug. 2023 - Present**
- Developing a personal website with Next.js, React, Tailwind CSS.
- Licensed domain from Cloudbase registrar.

Gopher Positioning System　　　　**Oct. 2023 - Present**
- Collaborating with 5 other developers on a student logistics companion app.
- Analyzed network traffic to access hidden API for schedulebuilder.umn.edu.

Programming Lead & Robotics Mentor　　　　**Sep. 2018 - Present**
- Volunteer mentor for robotics team FTC 23924 (Complete Chaos).
- Former Programming Lead for FTC 17287, and FRC 2175.
- Taught PID Controllers, computer vision, and Mecanum drive logic.

Clover's Bad Day　　　　**Sep. 2022 - Dec. 2023**
- Collaborated with 2 other developers to create a platformer game in 4 weeks.
- Provided guidance to team members in Unity and C# concepts.

EDUCATION

University of Minnesota-Twin Cities (College of Science and Engineering)　　　　**Minneapolis, MN**
- B.S Computer Science, *GPA: 4.00*　　　　*Expected: 2025*
- Current Honors student, Dean's List Award.
- Courses: *Data Structures and Algorithms, Linear Algebra, Discrete Math, Machine Architecture*

TECHNICAL SKILLS

Languages: C, C#, Python, Java, HTML/CSS/JS, x86_64 assembly, SQL
Other: Next.JS, Tailwind, React, Django, Flask, MongoDB, Ghidra