

Khanh Huyen (Harley) Phung

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Note: Current Employee of XLab - Progressive project (for confidentiality, no further detail provided)

EDUCATION

Case Western Reserve University - School of Engineering (Major GPA: 4.0) Expected May 2025

B.S., Computer Science

Professional Track: Computer Security, Information System, Software Engineering (Security and Network).

Start Date: May 20th, 2024

End Date: August 30th, 2024

PROJECTS

Single-Server Multi-Client Chat Application 02/2023 - Present

- Implemented as a client-server model using the UDP protocol, in which each message from any client is broadcasted to all clients in the system. Scaled up to 20 clients with one server on a local network.
- Link: <https://github.com/PKHuyen/CSDS-325-----CWRU>

Booking Form Frontend Development 02/2023 - Present

- Use Bootstrap 3.0 framework, HTML, CSS, and JavaScript to implement forms control.
- Link: https://codepen.io/pkh_38/pen/QWVLvym

Custom Data Structure Library 09/2022 - 12/2022

- Implemented a variety of data structures in Java (e.g., Stack, Queue, Linked Lists, Binary Search Tree, Hash Map, Sorting Algorithms, Graph).
- Link: <https://github.com/PKHuyen/CSDS-233-----CWRU>

EXPERIENCE

Case Western Reserve University Remote

Research Assistant - Renderer, Widgets and Console Summer 2023 - Present

- Created a software application for the researchers in the Biomedical field to observe the images extracted using Lab's Microscope.
- Constructed a customized application to analyze potential threats up to 70% correctness on MacOS using DBEaver, Postman, Scikit Python Package, VSCode.

Case Western Reserve University Cleveland, OH

Teaching Assistant - CSDS 132: Programming in Java Present

- Worked with Professor Harold Connamacher and the Teaching Assistant team to create consulting events for students in need of Java's supplements.
- Provided on-demand Office Hours and constructed advice to students in Programming problems on a weekly basis.

FPT Software - FPT Corporation Hanoi, Vietnam

Developer - Internship Summer 2023

- Worked as a Java system-web developer intern for USA Team of FPT Software.
- Ensured the system of a Biomedical Company in the US works 100% without bugs or miscalculations using Java, IntelliJ, Postman, DBEaver, MySQL WorkBench.

ACTIVITIES

Secretary - Case Pre-Veterinary Medical Association Fall 2022 - Present

- Kept track of events and meetings and notified members of the association through email.
- Created events and discussed strategies to attract students to CPVMA.

Safety and Equipment Manager - Competitive Team - Case Badminton Club Fall 2022 - Present

- Trained and competed in Case Badminton Competitive Team.
- Kept track and managed student's health and status in the club and during tour.

SKILLS, INTERESTS & AWARDS

Working Proficiency: Intermediate in C, Python, and PostgreSQL, Proficient in Java (3 years).

Interests: Malware Analysis, Incident Response in Cybersecurity, Machine Learning.

Awards: Dean's Honors List (Fall 2021), Dean's High Honors (Spring 2022, Fall 2022, Spring 2023).