

Huy Ho

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Education

Worcester Polytechnic Institute (WPI)

May 2027

M.S. in Computer Science, B.S. in Computer Science and Data Science, **Minor** in Fintech

Relevant Coursework(s): Accelerated Object-Oriented Design, Algorithms, Machine Organization & Assembly Language, Database Systems, Operating Systems, Software Engineering, Modeling and Data Analysis

Professional Experience

Research Assistant, Human-Computer Interaction Lab (Worcester, MA)

September 2023 - Recent

- Assists in conducting research on human-computer interaction with a focus on brain-computer interfaces, physiological computing, touch-sensitive knitted fabrics and augmented reality
- Collects data and works on data analysis for large-scale experiments of 100+ human subjects

Finance Assistant, Quirk Auto Dealers (Quincy, MA)

May 2024 - Recent

- Maintain records, perform calculations, and communicate with customers, banks and insurance companies
- Assist with the completion of sold vehicles paperwork, ensuring that all documents required for the sale are included, correct title, lien information, taxes etc., on all transactions are complete

IT Intern, Quincy College (*Quincy, MA*)

June 2022 – August 2022

- Provided in-office IT support and troubleshooting technical issues by accessing boot options, adjusting BIOS settings or performing recalibration tasks
- Built, set up and configured 500+ PCs, laptops, printers, TVs and routers with new Windows settings and applications

Technical Projects

Calendar Planning App, C++

April 2024

- Used QT Framework to build a calendar app where you can add events that can be recurring
- Allows assignments to be added, which is viewable in a list where assignments can be removed when completed
- Added the functionality that when you can click on a particular date, it will show your schedule for the day
- Implemented a week view component that displays a week schedule with 30-minute time intervals

Food Transaction Website, HTML, CSS, JavaScript, Python

January 2024

- Built a website that facilitated the transactions of meal swipes between students
- Developed a Flask server that receives/removes a post request whenever someone wants to sell/buy something
- Incorporated the ability to sort through meal swipes posts based on price, date, and type

Graphing Calculator, Java

December 2023

- Used JavaFX to create a calculator capable of graphing any given univariate equation and its first derivative
- After parsing through an expression and evaluating its derivative, the program can generate a 2D graph that has a zoom-in and zoom-out functionality

Other Activities & Experiences

N Zone Sports, Soccer Coach (*Braintree, MA*)

April 2022 – Present

- Taught fundamental soccer skills to kids alongside lessons such as communication, teamwork, collaboration, etc.
- Collaborated with parents on accommodating the child's needs, tended to injuries, and dealt with conflicts

C5 Crossroads, Leadership Program (*Boston, MA*)

September 2018 - May 2023

- 250+ hours of community service working in food pantries, libraries, clean-ups and large communal events
- Co-led a 10-day social justice event that brought awareness to the importance of equal educational opportunities

Member: Computer & Technology Club, Society of Asian Scientists & Engineers, Investing Association, Chess Club

Skills

Programming Languages: Java, Python, JavaScript, C, C++, SQL, R, HTML, CSS

Other Skills: Microsoft Office, MATLAB, Photoshop, Adobe, Bilingual in Vietnamese