

## EDUCATION

**MPS Information Science - Cornell University****B.Sc. Informatics - University of Washington** GPA: 3.8/4.0; Dean's List: 8 quarters**Relevant Coursework:** Client-Side Web Development, Data Programming, Database & Data Modeling, Design Methods, Human Factors Design, Information Architecture, Input & Interaction Design, Intro to Computer Programming, Intro to Data Science, iOS App Development, Product Management, Software Architecture...

## EXPERIENCE

**Graduate Teaching Research Specialist - Cornell Univ.** Aug 2024 - Dec 2024 Ithaca, NY

- Supported lectures by addressing student questions and monitoring the classroom to ensure smooth teaching progress.
- Managed the course forum, promptly answering student questions on syllabus, **programming and design**.
- Graded and provided feedback on assignments for **230+ students**, ensuring fair assessment and fostering learning process.
- Worked closely with the professor and other teaching assistants to **optimize course content**.

**Research Assistant - Human & System Lab** Jul 2023 - Jun 2024 Seattle, WA

- Contributed to create an **adaptive autonomous system** that leverages **neuro-physiological sensors** to improve human **multitasking** performance.
- Developed **user interface and interaction** features for vigilance data visualization and a **low-vigilance alert system**, aiding medical institutions in optimizing work schedules.
- Analyzed **Psychomotor Vigilance Tasks (PVT)** data from medical residents and generated **correlation graphs** between key performance metrics.
- Co-authored reports for presentation at the **2024 Human Factors and Ergonomics Society Conference**.

**UX Designer - Tencent Ltd.** Jun 2023 - Sep 2023 Shenzhen, China

- Conducted research on **AI-Generated design** for improved **efficiency and cost-savings**, presenting to **200+ peers**.
- Independently** designed UI/UX features for **Tencent Parental Control Platform** for video games, aligning with user needs and company objectives.
- Contributed to designs on the **Tencent SuperCore Platform** after conducting **30+ hours** of user interviews for enhanced **user experience**.
- Collaborated on **UX design** for Tencent GaaS system, ensuring seamless **usability and workflow integration**.

**Team Lead - AIESEC** Mar 2022 - Jun 2024 Seattle, WA

- Evaluated company profiles to collaborate with qualified partners to facilitate **international internship placements** within the Incoming Global Talent team.
- Participated in monthly **volunteer and charity events** supporting the United Nations' Sustainable Development Goals.
- Created **branding materials** to enhance **visibility and engagement** as the product manager.

**Code Lead - Vincent van Gogh Color Data Visualization** Jan 2022 - Mar 2022 Seattle, WA

- Gathered, analyzed, and summarized data on **1,931 Vincent van Gogh paintings** using **R** and **Dplyr**, focusing on color patterns.
- Built an **interactive ShinyR web app** that enables users to explore various aspects of Van Gogh's artwork through **dynamic data visualizations** and informative introductions.

## SKILLS

**Coding:** Java, Python, R, HTML, CSS, JavaScript, SQL, Swift, Git, Matplotlib, Numpy, Pandas, React.js**Tools:** VS Code, Xcode, Figma, Sketch, AutoCAD, Blender, DaVinci Resolve, StableDiffusion WebUI**Languages:** Mandarin Chinese (Prof.), Cantonese (Prof.), English (Prof.), Japanese, Spanish