Huan Nguyen

206-859-1606 | huannguyen2217@gmail.com | linkedin.com/in/huannnguyen/

EDUCATION

University of Washington   Seattle, WA
BS in Computer Engineering, Minor in Data Science, Minor in Leadership   *Sept. 2022 - December 2025*
- **GPA**: 3.58, Dean's List 2024, 2025
- **Extracurriculars**: WiC (Women in Computing), COM2 (Computing Community), and PMA (PM Association)
- **Foster Leadership Academy** Certification, awarded May 2024

Relevant Coursework: Project Management, Leadership Theory, Data Management, HCI, Intro to AI, Digital Design, Computer Security, Data Structures & Algorithms, Hardware/Software Interface, Graphic Design, GIS, MGMT & ENTRE Essentials

SKILLS

Programming/Hardware Languages: Java, Python, HTML/CSS, System Verilog, C, MySQL, JavaScript, R
Developer Tools: Git, Linux, Vim, VSCode, IntelliJ, Eclipse IDE, Figma, Microsoft Azure, QGIS, CI/CD pipelines
Professional Certifications: Microsoft Word 2013, Microsoft PowerPoint 2013, Microsoft Excel 2013
Project Management & Workflow Tools: Agile/Scrum, Trello, Slack, Google Workspace, Asana Workflow

EXPERIENCE

12X Open Access – *Undergraduate Researcher*   Jan. 2024 - June 2025
University of Washington - Paul G. Allen School of Computer Science & Engineering   *Seattle, WA*
- Created an accessible, and inclusive open access platform on **GitLab** for use in **30+** high schools across WA.
- Interviewed teachers and professors at varying levels of education.
- Presented research at showcases, demonstrating innovative solutions and engaging with faculty and peers.

WiC Social Media Committee – *Committee Member*   Oct. 2023 – June 2024
Women in Computing at University of Washington   *Seattle, WA*
- Increased club awareness and engagement by **60%** with a multi-platform social media strategy on **Canva**.
- Led the creation of 2 new series of social media content, increasing social media interactivity.
- Collaborated with cross-functional teams to update and improve the website using **React**.

Girls Who Code – *Summer Intern*   June 2021 – Aug. 2021
Girls Who Code   *Seattle, WA*
- Earned beginner-level badges in **HTML**, **CSS**, and **JavaScript** for web development.

PROJECTS

Tactile Art | CSE Capstone
- Designed and developed an accessible full-stack website using **HTML/CSS**, integrating a **Firebase** database.
- Collaborated globally with clients and mentors, applying design justice principles and iterations from feedback.
- Prototyped in **Figma** and implemented screen reader-compatibility, prioritizing accessibility for low-vision artists.

AffirmMe | DubHacks Hackathon
- Designed and prototyped the UX/UI of the app using **Figma**, creating intuitive graphics and user flows.
- Built an **Android** and **Alexa** app for text-to-speech affirmations using **JavaScript** and **Flutter** within 48 hours.
- Collaborated in a fast-paced team, contributing to brainstorming, project development, and problem-solving.

SmartSecure Security System | *Ardunio, FreeRTOS, C, Embedded Systems*
- Implemented a customized security lockbox using a real-time preemptive operating system in FreeRTOS on an Arduino MEGA to manage multiple tasks in a time-sensitive embedded system.
- Integrated external devices (keypad, LCD, ultrasonic sensor, servo, and potentiometers) for an interactive system.

VOLUNTEERING

TS3 Confirmation – *Youth Leader*   2021 – Present
Vietnamese Martyrs Parish   *Tukwila, WA*
- Organized and executed highly successful 3-day annual retreats for **70+** students, leading a team of catechists.
- Guided the successful implementation and management of a classroom of **60+** student leaders weekly.