

THUY-VY NGUYEN

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503.719.9430

EDUCATION

Oregon State University, Corvallis OR

Expected Graduation June 2021

- Honors Bachelor of Science in Computer Science with 3.94 GPA
- Focus on Human Computer Interaction with minors in Math and Psychology
- Relevant Coursework: Analysis of Algorithms, Data Structures
- Involvement: IMPACT, Society of Women Engineers, ProjectX

WORK EXPERIENCE

OSU College of Engineering | Tutor

September 2019 – Current

- Collaborates with students to provide the academic support
- Assists students with courses related to engineering courses such as computer science, math, and statistics. (CS: 16X, 261, 271, 290, 325; MTH: 231, 251, 252, 254, 341, ST: 314)

OSU Honors College | Web Editor

October 2019 – Current

- Maintains the Honors College website, blog, and databases for Oregon State University
- Trained on Drupal, WordPress, HTML, and CSS to maintain website
- Initiates and improves website and blog to improve accessibility and user experience

Appcessori Corporation | Intern

July 2019 – June 2019

- Designed and developed products' websites
- Organized data collection for testing products

OSU Pre-College Programs | Ambassador

January 2019 – January 2020

- Leads campus tours and STEM activities for K-12 students
- Facilitates student panels to answer questions about college
- Led chemistry classes for the Winter Wonderings Program
- Supervised students to maintain program structure

PROJECTS

CARVE LAB | Research Assistant

January 2019 – Current

- Conducts experiments using virtual reality and analyzes data to understand human behaviors
- Designing research project that aims to improve pedestrian user experience with automated cars

URSA Engage | Researcher & Award Recipient

January 2019 – June 2019

- Awarded funding to work on personal research project under OSU professor Dr. De Amicis
- Modeled real-life terrain in virtual reality using Unreal Engine to analyze potential effects of climate change by simulating environmental catastrophes

SKILLS

Languages: Python, C++, C, Java, Haskell, Bash, SQL, R, Vietnamese

Web Development: HTML, CSS, JavaScript, Drupal, WordPress

Software: Unreal Engine, World Viz, Git/GitHub

LEADERSHIP

OSU IMPACT | Lead Volunteer

September 2018 – March 2019

- Helps kids with disabilities to develop social and physical skills through specialized activities

OSU Honors College | Peer Mentor

September 2018 – June 2019

- Mentors underrepresented students on a 1 to 1 basis.
- Introducing them to research and other opportunities on campus.

OSU Society of Women Engineers | Ambassador

Sept 2019 – December 2019

- Helps incoming freshmen adjust to college and offers resources