

# THUY-VY NGUYEN

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503.719.9430

## EDUCATION

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### 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
- Involvement: IMPACT, Society of Women Engineers, ProjectX

## WORK EXPERIENCE

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### OSU College of Engineering | Tutor

*September 2019 – Current*

- Collaborates with students to provide them with the academic support they desire
- Develops study strategies specific to students and their courses
- Facilitates group study sessions and test reviews
- 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
- Utilizes Drupal, WordPress, HTML, and CSS to maintain website
- Designs and updates website to improve accessibility and user experience

### Appcessori Corporation | Intern

*July 2019 – June 2019*

- Designed and developed websites for products
- 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 help students understand the college process
- Taught hands-on chemistry classes for the Winter Wonderings Program

## PROJECTS

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### CARVE LAB | Research Assistant

*January 2019 – Current*

- Conducts psychology experiments involving virtual reality
- Analyzes participant data to understand and interpret human behaviors
- Designing research project for honors thesis that aims to improve pedestrian user experience with automated vehicles

### 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

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

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

Software: Unreal Engine, World Viz, Git/GitHub

## LEADERSHIP

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### **OSU IMPACT | Lead Volunteer**

*September 2018 – March 2019*

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

### **OSU Honors College | Peer Mentor**

*September 2018 – June 2019*

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

### **OSU Society of Women Engineers | Ambassador**

*September 2019 – December 2019*

- Helps incoming freshmen women in engineering majors adjust to college