

THUY-VY NGUYEN

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503.719.9430

EDUCATION

Oregon State University | Computer Science, Honors B.S

Expected Graduation: June 2021

- Focus in Human Computer Interaction with minors in Math and Psychology with 3.94 GPA
- Involvement: Lead Volunteer at IMPACT, Society of Women Engineers Ambassador, ProjectX
- Courses: Cloud Development, Intro to Artificial Intelligence, Algorithms, Linear Algebra

WORK EXPERIENCE

Oracle | Software Engineer Intern

June 2020 – September 2020

- Developed an application for Slack that allows users to receive notifications for changes in their automated deployment's status.
- Implemented a database schema in SQL and directed Oracle Cloud Infrastructure's internal deployment service to call Slack using Java and Slack's APIs.

OSU College of Engineering | CS & Math Tutor

September 2019 – Current

- Assisted students to effectively plan, design, and debug their programming in classes such as Algorithms and Data Structures and develop their math proficiency in Linear Algebra, Calculus, and Discrete Math.
- Utilized real-life examples and specific analogies tailored to the student to explain course content.

OSU Honors College | Web Editor

October 2019 – June 2020

- Utilized Drupal, WordPress, HTML, and CSS to maintain the OSU Honors College website, blog, and databases that are used as primary resources for Honors College members
- Designed and updated website to improve accessibility and user experience

Appcessori Corporation | Intern

June 2019 - August 2019

- Re-factored front-end user interface to increase clarity and improve experience for users
- Collected and organized data for headphone calibration team that was used to improve products

RESEARCH

CARVE Lab | Psychology Research Assistant

January 2019 – Current

- Collected participant data on the impact of augmented reality on a user's learning ability
- Designed study that aims to improve design of automated vehicles for pedestrian user experience

Data Interaction and Visualization Lab | EECS Project Assistant

June 2020 – Current

- Built interactive visualizations that helps individuals explore, interact, and interpret machine learning and large datasets.

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 and analyzed potential effects of climate change by simulating environmental catastrophes

SKILLS

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

Web Development: HTML, CSS, JavaScript, Node.js, D3.js, Bootstrap, Drupal, WordPress

Software: Unreal Engine, World Viz, Git, IntelliJ

AWARDS

Robert Ragel Scholarship, URSA Engage, COE Dean's List, Finley Academic Scholarship, First Year EECS Scholarship

LEADERSHIP

OSU IMPACT | Lead Volunteer

September 2018 – March 2019

- Helps kids with disabilities develop social and physical skills through physical exercise

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
- Introduce students to research and other opportunities on campus.

Girls Geek Out | Camp Counselor

June 2015

- Served as a role model to encourage middle school girls to pursue STEM
- Collaborated with and helped students code, test, and debug their programs for robot races
- Facilitated hands on science experiments for students

EXPERIENCE

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

Parsons & Germer CPAs | Intern

February 2017 – April 2017

- Maintained and updated client information in company's databases
- Assisted with administrative projects