THUY-VY NGUYEN

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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*
- Improved user experience with Oracle Cloud Infrastructure's automated deployment system
- Integrated Slack notifications and commands with the deployment system. Slack channels are immediately notified on important updates on their deployments. This increases engineers' productivity by saving them from having to manually login to the interface to check the status

OSU College of Engineering | Tutor   *September 2019 – Current*
- Explain course content to students, assists in planning, design, and debugging of code assignments
- Provides 1-on-1 tutoring specific to each student and facilitates group study sessions and test reviews
- Assists students with courses related to engineering such as computer science, math, and statistics

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 experiences for users
- Collected and organized data for headphone calibration team that was used to improve primary products

RESEARCH

CARVE Lab | Research Assistant   *January 2019 – Current*
- Conducts psychology experiments involving virtual reality and 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

Data Interaction and Visualization Lab | Research Assistant   *June 2020 – Current*
- Focuses on building 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 to analyze 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 , Drupal, WordPress

Software: UnReal Engine, World Viz, Git

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 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

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