

Thuy-Vy Nguyen

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EDUCATION

Oregon State University

Bachelor of Science, Computer Science

Graduated June 2021

- Focus in Human Computer Interaction minoring in Psychology with a 3.96 GPA
- Involvement: IMPACT Lead Volunteer, Society of Women Engineers Ambassador, ProjectX Volunteer

EXPERIENCE

Oracle Corporation

Software Developer

July 2021 - Current

- Shepherd Deployment Automation Team.

Software Engineer Intern

June 2020 – September 2020

- Developed an application to automatically send Slack notifications when a deployment's status changes; users are able to customize the notifications they receive and where to receive them
- Implemented a database schema in SQL to associate deployments with slack channels and directed OCI's internal deployment service to message Slack channels using Java, Slack APIs, and Guava's EventBus
- SheepDog is currently being used by over 3000 users and 130 slack channels

Data Interaction and Visualization Lab

Research Assistant

June 2020 – June 2021

- Utilized D3.js to create interactive data visualization tools to help users find discrepancies between their testing and training data used in machine learning algorithms
- Designed and developed video search interface to easily create video highlights using image and text classification using Figma, Svelte, Javascript, and Python
- Conducted user studies to write research paper on effectiveness and usability of video search interface

TAHMO Project

Undergraduate Web Developer

October 2020 – June 2021

- Provided searching, filtering, and order by functionality using AngularJS and MongoDB within the ticketing system for users to have a more controlled, clean, and efficient experience
- Enacted security measures to ensure that only qualified individuals may access specific resources by adding roles to user's profiles and restricting resources to role types and user ids
- Managed cloud resources by enacting and overseeing application deployments using IBM Cloud
- Inspected network activity to cut down on resources with poor load performance and optimize and limit their database queries to improve system's speed and performance

PROJECTS

Interactive Visualization for AI Education // React, Tensorflow, Jupyter Notebooks, D3.js, & Python.

Interactive and educative tools split into a web application and notebook that guides users through machine learning classification algorithms such as logistic regression and neural networks.

Spotify Interactive // React, Figma, & Spotify Web API

Web application for users to interact with their Spotify music taste with statistics and cat visualizations.

SKILLS

Tech Tools & Programming Languages // Python, C++, C, Java, SQL, MongoDB, Docker, Git, & Figma

Web Development // React, Svelte, Node.js, D3.js, AngularJS, Bootstrap, & Storybook