

Dorothy Hung

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Experience

Software Engineer Intern | Microsoft

5/2024 to 8/2024

- Designed and implemented an Azure Pipeline and Typescript package that continuously deletes outdated change files in the 1JS repository, reducing storage usage and improving efficiency for the dev and ES teams.
- Added detailed documentation and a monitoring system to alert the team of pipeline status, ensuring seamless maintenance

Software Engineer Intern | Nelnet

7/2023 to 5/2024

- Developed a full stack React/Node.js toolkit app for the team, enabling execution of Ansible jobs using the Ansible platform's API and storage for compliance reports
- Wrote Ansible automation scripts to automate compliance reporting and streamline baseline configurations for 5 major server/storage systems using Python, Powershell, AWS, and Git

Software Engineer Intern | KBR

4/2023 to 6/2023

- Trained and deployed a machine learning program for predicting and mapping geospatial data values, using Jupyter Notebook, AWS, Jira, QGIS, and ML and geospatial libraries
- Developed Python Flask app for interactive visualizations of neural net model predictions
- Worked with a team of SMEs to build and launch a pilot geospatial-centered ML/AI 12-week educational course for over 100 employees

Data Ops Intern | Costco IT

1/2023 to 4/2023

- Guided, researched, and executed script projects to automate manual tasks, resulting in increase in productivity and reduced time spent on tasks by up to 90%
- Collected, analyzed, and presented data metrics to provide insights for upper management in making high level decisions utilizing JavaScript and Power BI

Programming and Math Tutor | Bellevue College

3/2021 to 6/2023

- Mentored 20+ students in homework assignments and projects to promote academic success

Projects

Spotify Track Analysis Webapp spotifyaudioanalysis.com : Utilized Node.js and React to pull from the Spotify API to analyze musical composition of tracks and display recommendations based on audio features

Education

BAS, Computer Science | Bellevue College

Expected 6/2026

Skills

- **Languages:** JavaScript, Python, C#, HTML, SQL
- **Tools:** Node.js, React, ASP.NET, Ansible, Git, Jupyter, Jira, AWS, ADO Pipelines