

Name: Natalie Nguyen Hong
Project Title: BioDepot Cloud Portal
Company: BioDepot LLC
Industry Sponsor: Dr. Ka Yee Yeung-Rhee
497 Instructor: Monika Sobolewska

This winter quarter, I have worked as a software engineering intern at BioDepot LLC, a startup company that develops workflow builders using container-based components called BioDepot workflow builder (Bwb) for Bioinformatics. The tool combines interchangeable and encapsulated widgets, allowing researchers to easily implement and test new algorithms and observe how the outputs differ. Throughout the internship, I have had the opportunity to acquire hands-on experience using Amazon Web Services, Google Cloud Platform, and Docker Container. Also, I have learned Flask/Python, software testing, and how to write documentation during my project. Lastly, I have improved my communication skills by reporting my tasks in meetings. I am proud that I can apply my fundamental knowledge and technical skills from computer science courses at University of Washington Tacoma (UWT) to my internship