



Haleigh Schwartz

Candidate for Masters in Data Science

CONTACT ME

☎ 623-308-9915

✉ schwartzh2017@gmail.com

💻 [linkedin.com/in/haleigh-schwartz](https://www.linkedin.com/in/haleigh-schwartz)

📍 2020 SE Ivon St
Portland, OR 97202

EDUCATION

MS, Data Science

Willamette University / Portland, OR

BS, Biology

Northwest University / Kirkland, WA

SKILLS

- R
- Machine Learning
- SQL
- HTML/CSS/JS
- Python
- Statistical Analysis

PUBLICATIONS

"Rewiring of the host cell..."

Journal of Virology, Jan 31, 2023

DOI: <https://doi.org/10.1128/jvi.00506-23>

SUMMARY

I am passionate about caring holistically for the underserved, working towards more sustainable healthcare, and learning endlessly to answer some of medicine's most pressing questions.

WORK EXPERIENCE

Office Manager 2022 - Present

Main Street Family Medicine | Vancouver, WA

At our small clinic, we all wear many hats. As the office manager, I extract and analyze our healthcare and company data, optimize processes for our staff, continually keep up to date with best practices in medicine and business, manage our website, and solve the many, unique problems that present themselves each day. It is in this role that I am able to combine my interests of data science and healthcare to better serve our patients.

Research Assistant 2 2021 - 2022

Oregon Health & Science University | Portland, OR

In the Mao and Zhong labs at the Vollum Institute, I conducted experiments to finish gathering data for an important project and upcoming publication. Techniques and experiments I regularly completed in this position include cranial window placement surgeries, two-photon microscopy (both in vivo and in vitro), perfusions, acute and fixed slicing, Western Blots, Bradford Assays, collecting and lysing tissue samples, and maintaining mice colonies. It was here I discovered my passion for data science.

Summer Research Intern 2019

University of Washington | Seattle, WA

Through the University of Washington's Neurological Surgery Summer Student Program, I observed various brain and spine surgeries, went on rounds with the Neurosurgery Department at Harborview, and completed research at the Allen Institute for Brain Science. With hard work, critical thinking, and diligence, my research produced exceptional results that offer promising applications to future health-care for diseases and conditions concerning the basal ganglia.

Research Intern 2018 - 2019

Northwest University | Kirkland, WA

I participated in research for Dr. Tracie Delgado, where we researched the Murine Herpesvirus' effects on animal cells' metabolism and ways to kill the virus without harming the cells. This work produced: Clark, S.A., Vazquez, A., Furiya, K., Splattstoesser, M.K., Bashmail, A.K., **Schwartz, H.**, & Delgado, T. (2023). Rewiring of the host cell metabolome and lipidome during lytic gammaherpesvirus infection is essential for infectious virus production." *Journal of Virology*, 97(6), e00506-23. <https://doi.org/10.1128/jvi.00506-23>