HALEIGH SCHWARTZ

Data Scientist

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PORTFOLIO

https://schwartzh2017.github.io

EDUCATION

MS, Data Science
Willamette University / Portland, OR

BS, Biology
Northwest University / Kirkland, WA

SKILLS

- R
- SQL
- Python
- Node
- Hadoop
- NLP
- Leadership

- Machine Learning
- HTML/CSS/JS
- Statistical Analysis
- App building
- Neural Networks
- Survival Analysis
- Project management

PUBLICATION

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

SUMMARY

Data scientist with a background in biology and healthcare, dedicated to advancing sustainable healthcare solutions. Skilled in applying critical thinking, creative problem solving, and data analysis to optimize healthcare operations and patient outcomes. Eager to leverage a strong foundation in statistical analysis, machine learning, and application development to make impactful contributions.

WORK EXPERIENCE

Data Analyst | Project Manager   2024 - Present

New Heights Clinic | Vancouver, WA

As the clinic expands, I am leading several pivotal initiatives to enhance patient care and operational efficiency, including:
- Conducting in-depth patient data analysis to tailor services to community needs
- Implementing the clinic's first Electronic Medical Record (transitioning from paper charts)
- Analyzing and improving the clinic's processes to provide more efficient and quality patient care

Data Analyst | Office Manager   2022 - Present

Main Street Family Medicine | Vancouver, WA

In this role, I have spearheaded data-driven initiatives to enhance patient care and operational efficiency. Key projects include:
- Developing automated scripts to analyze healthcare and company financial data
- Building custom applications for our unique business model
- Managing our website
- Launching continuous training initiatives, fostering a growth-oriented team culture

Research Assistant 2   2021 - 2022

Oregon Health & Science University | Portland, OR

It was here I discovered my passion for data science. While developing developed many hard skills necessary for neuroscience bench work, I also:
- Learned MATLAB to analyze my research data
- Used Adobe Illustrator to create figures and display my research findings
- Used custom scripts to collect data from my two-photon microscopy experiments

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
- Completed research at the Allen Institute for Brain Science

Research Intern   2018 - 2019

Northwest University | Kirkland, WA

In my first research role, I:
- Developed techniques and skills necessary for wet-lab research
- Wrote a manual for analyzing Western Blots
- Helped produce my first publication