

AMY L. NAGELBERG

FULL-STACK WEB DEVELOPER

EXPERIENCE

Research Assistant | BC Cancer Research Centre

JUN 2018 - MAR 2022, VANCOUVER BC

- Investigated DNA in never-smoker lung cancer patients by developing a novel analysis pipeline, resulting in identification of three novel and promising drug targets for therapeutic intervention and generation of a first-author manuscript which is currently under review.
- Researched, utilized, and debugged the implementation of various analytical techniques in R and command-line in order to effectively analyze and visualize OMICs data, thereby becoming the go-to person for such analyses in the laboratory in an otherwise largely wet-lab (non-computational) environment.
- Collaborated with three independent research groups in various projects both for the above OMICs based needs as well as other research work, resulting in five academic manuscripts that provide valuable insight into the mechanisms of cancer initiation and response to therapy.

EDUCATION

BrainStation | Diploma, Web Development

JUN 2023 - SEP 2023, VANCOUVER, BC

UBC | Master of Science, Pathology & Laboratory Medicine

SEP 2018 - MAY 2022, VANCOUVER, BC

University of Victoria | Bachelor of Science, Biochemistry

SEP 2012- MAY 2017, VICTORIA, BC

PROJECTS

Developer | [MovieJar](#)

August-September 2023, BrainStation, Capstone Project

- Solo capstone project which utilizes react.js and express.js to create a system for organizing movies and choosing what to watch based on mood.

Developer | [Digi-Basket](#)

August 2023, BrainStation, LUSH Industry Partner Hackathon

- Worked cross-collaboratively to build and deploy a proof-of-concept prototype for a camera-integrated point of sale system in just 24 hours.

Developer | [InStock](#)

August 2023, BrainStation, Group Project

- Effectively built a full-stack inventory management system over the course of a week while utilizing git flow, react.js, and express.

amy.nagelberg@gmail.com

[778-956-7351](tel:778-956-7351)

linkedin.com/in/amy-nagelberg

github.com/anagelberg

SKILLS

JavaScript, React, Node.js, CSS/SCSS, HTML, Express.js, Jira, Python, Flask, Bootstrap, R, SQL, Git/GitHub, Microsoft Office, CLI, Data Analysis, Data Visualization

PROFILE

I've always been passionate about solving big problems that plague real people, and enjoy the process of breaking those issues down into smaller, more manageable puzzles. During my graduate degree, I grew in appreciation for the bottlenecks caused by software limitations in diverse disciplines, and developed an affinity towards producing tangible products that can help remedy these and elevate human potential. My scientific background has allowed me to grow into an adept problem-solver, with an ability to investigate issues effectively and efficiently in ways that are highly transferable to a career in web development.