AMY NAGELBERG

FULL STACK DEVELOPER

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EXPERIENCE

Teaching Assistant | BrainStation

SEP - DEC 2023, VANCOUVER BC

- Directly invited to the role of Teaching Assistant based on distinguished technical and non-technical performance and in the Web Development Diploma Program.
- Enhanced the learning experience and coding proficiency of 19 students in JavaScript and web-development technologies through code review, daily challenges, and as a point of contact in technical questions and debugging

Research Assistant | BC Cancer Research Centre

JUN 2018 - MAR 2022, VANCOUVER BC

- Researched, utilized, and debugged the implementation of open source analytical techniques in R and Linux command-line in order to effectively analyze 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, resulting in five academic manuscripts.

EDUCATION

BrainStation | Certificate, UX Design

SEP 2023 - DEC 2023, VANCOUVER, BC

BrainStation | Diploma, Full Stack Development

JUN 2023 - SEP 2023, VANCOUVER, BC

UBC | Master of Science, Pathology & Laboratory Medicine

SEP 2018 - MAY 2022, VANCOUVER, BC

PROJECTS

Front-end Developer | Crisis Connect (Hackathon Finalist)

OCT 2023, WWCode, Hackathon for Social Good

- Front-end application developed cross-collaboratively to connect and support natural disaster survivors over the course of one week.

Full-stack Developer | MovieJar

AUG-SEP 2023, BrainStation, Capstone Project

- Solo full-stack application to aid in the organization and selection of movies to watch.

Front-end Developer | Digi-Basket (Hackathon winner)

AUG 2023, BrainStation, LUSH Industry Partner Hackathon

- Cross-collaborative proof-of-concept prototype for a camera-integrated point of sale system developed in just 24 hours.

SKILLS

JavaScript, React, REST APIs, Node.js, CSS/SCSS, HTML, Express.js, Jira, Python, Flask, SQL, Git/GitHub, Bootstrap, R, Microsoft Office, CLI, Linux, 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.

AWARDS & ACHIEVEMENTS

- Multiple merit-based Research Awards, NSERC/USRA, 2016-2022
- Full Entrance Scholarship (Academic Excellence), University of Victoria, 2012
- "Top Student", class of 600+, Kelowna Secondary, 2012