

# Anna Brisland

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Front-End Web Designer and Developer with a background in Biology and a passion for creative solutions. Combines critical thinking and problem-solving abilities to tackle challenges persistently and patiently. A valued collaborator known for seamlessly working across diverse groups to achieve project goals.

## TECHNICAL SKILLS

**Technical Languages**      HTML | CSS | JavaScript | R | R Shiny | Python  
**Applications**              Adobe Creative Cloud | Figma

## PROJECTS

**Labby** | BC Cancer Lab Management Software | <https://github.com/ubclaunchpad/labby>

- Wireframed and prototyped a lab management software to automate task management and billing.
- Conducted user testing to compile actionable feedback to improve user flow for **200+** repeat customers.
- Developed clear branding with logos, colour and general styling, while auditing developer progress.
- Lead junior designers, demonstrating Figma best practices for design and user-focused thinking.

**Umami** | Recipe Sharing Mobile App | <https://github.com/ubclaunchpad/umami>

- Designed an app with a team of 10 developers, iterating through incremental design and feedback.
- Produced illustrations, logo and branding for the app, helping to gain **50** users on release.

## EXPERIENCE

**Research Technician** | BC Cancer Research Institute      May 2022 – Dec 2022

Worked independently and collaborated with external teams to develop new protocols in tumour research. Experimental design and hands-on research using specialised equipment.

- Analysed large data sets using computational methods, presenting results in a webinar.
- Delivered data analysis training to staff and graduate students, including doctoral candidates.

**Molecular Microbiologist** | Kronstad Lab      May 2021 – May 2022

Assisted researchers to analyse data and develop data investigation tools and solutions to challenges in the data analysis pipeline.

- Increased efficiency of RNAseq read processing pipeline and differential gene expression analysis by **70%** using BASH and R.
- Visualised and presented findings aiding one publication in Science and resulting in **4** manuscripts awaiting publication.

## EDUCATION

**Front-End Web Development Boot Camp Certificate** | edX      Sep 2023-Jan 2024

An intensive program focused on gaining technical programming skills in HTML5, CSS3, JavaScript, JQuery, Bootstrap, Node.js, ES6, and ReactJS.

**BSc Biology** | University of British Columbia | Vancouver, Canada      Present