

Ben Harrison

Vancouver, B.C.

604.916.1531

benharrison7049@gmail.com

Github: <https://github.com/bvdh98>

LinkedIn: [linkedin.com/in/bencompsoft](https://www.linkedin.com/in/bencompsoft)

Portfolio: [https://ben-harrison-software](https://ben-harrison-software.com)

Technical Skills

Other tools:

MS Office Suite, Power Query, Git

Languages:

MySQL, Python

Web development:

HTML5, CSS3, JavaScript, jQuery, React JS, Bootstrap

Work Experience

Research Assistant

Aug 2022 - Present

BC Stats | Victoria, British Columbia

- Using Python, automated an excel report for another colleague, which pulls data from another spreadsheet and creates an output of summary tables. To achieve this, I gathered the main requirements from my colleague and then planned out how to implement each requirement.
- Worked with a senior analyst to develop project documentation for the BC Stats Public Sector and Research Evaluation (PSRE) team, which details each step, from start to finish for complex projects. To achieve this, I researched the meaning of essential PSRE terms and processes.

IT Specialist

Jul 2022 - Aug 2022

Salvation Army | Vancouver, British Columbia

- developed user friendly technical documentation to help office workers easily migrate from different apps to equivalent Microsoft office apps
- Created a user sign up WordPress page for a back-to-school backpack drive. To develop this, I thoroughly tested the website to ensure that it accepts proper user input
- Debugged a Python selenium script used in testing a user registration form

Education & Certifications

Microsoft Azure Fundamentals Professional Certificate

Mar 2022

IBM Data Analyst Professional Certificate

May 2022

Junior Data Analyst Program

May 2022

NPower Canada | Vancouver, British Columbia

14-week intensive online training on the fundamentals of data analytics

- Developed working knowledge of data integrity, data wrangling, data mining, and data visualizations
- Studied cloud concepts, benefits of cloud computing and core Azure architecture components
- Used core Azure services and chose the Azure AI services that best address a company's challenges

Computer Systems Diploma

Apr 2021

BCIT | Burnaby, British Columbia

2-year program covering the fundamentals of software development.

- Learned about object-oriented programming, functional programming, web and mobile development, relational databases, RESTful API development, client server architecture
- Studied MySQL and database concepts such as: security, database architecture, relational database design

Projects

CallWeb Converter (Nov 2022 – Present)

- Currently developing a Python program to convert a survey template word document into CallWeb code
- This program will save time for other colleagues on my team within BC Stats who spend a significant amount of time manually programming their own CallWeb code
- Built with: Python, Pandas library

Iverson Club (Dec 2021 – Jan 2022)

<https://iversonclub.herokuapp.com/>

- Developed a basketball shoe e-commerce store
- Users can add and remove shoes to their cart and then purchase them via PayPal checkout
- Shopping cart was implemented using a reducer pattern to handle different events such as when a user logs in, adds a shoe to their cart, or removes a shoe from their cart
- Built with: React JS, Firebase, Bootstrap

Client Projects

Completed two industry sponsored projects where I worked within a team to build web apps for clients. To successfully complete these projects, we had to understand the main requirements in the specification documents and implement each one using the agile methodology.

Youth Environmental Challenge (Sep 2020 – Dec 2020)

- Worked within a group of 2 other students to update an existing website for Drizzle Environmental Society, which engages youth to participate in environmental challenges
- Implemented a modern, responsive, and visually appealing website layout by collaborating with other team members and client
- Built with: LAMP tech stack, JavaScript

Our Footprint (Apr 2020 – May 2020)

- Worked within a group of 4 other students to create a carbon calculator web app for Canadian V-Chip Design Inc.
- The calculator accurately computes a carbon footprint by using data from the user's Fortis BC and BC Hydro bills
- Implemented a modern and responsive frontend with Angular.Js that promoted an intuitive and aesthetically pleasing experience for users
- Built with: Angular, Django, Postgres

References available upon request