

Ben Harrison

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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

Applications & Tools:

Microsoft Excel, Azure Sandbox

Tools:

G Suite by Google, RDBMS, IBM Cognos Analytics, Jupyter, SQLite

Project Management Fundamentals:

Agile, Waterfall

Version Control:

Git

Languages:

SQL, Python, HTML, CSS, JavaScript, React.js, Java

Game Development:

Unity, C#

Education & Certifications

Microsoft Azure Fundamentals Professional Certificate

March 2022

IBM Data Analyst Professional Certificate

Expected May 2022

Junior Data Analyst Program

Feb 2022 – May 2022

NPower Canada | Vancouver, British Columbia

14-week intensive online training on the fundamentals of computer technology, and project management

- Utilize Excel spreadsheets to perform data wrangling and data mining
- Develop working knowledge of Python language for data analysis using Pandas and Numpy
- Effectively complete a capstone project by collecting data from multiple sources, performing exploratory data analysis, data wrangling, statistical analysis and mining of the data using Python libraries
- Work extensively on creating charts and plots to visualize data, and building an interactive dashboard using IBM's Cognos Analytics and various Excel charts/graphs
- Visualize data using Python libraries including Matplotlib, Seaborn, Plotly and Dash
- Compose queries to access data in cloud databases using SQL and Python from Jupyter notebooks
- Explain cloud concepts, benefits of cloud computing and core Azure architecture components
- Use core Azure services and choose the Azure AI services that best address a company's challenges
- Control Azure spending and managing bills by applying recommended practices to minimize cost

Computer Systems Diploma

Apr 2021

BCIT | Burnaby, British Columbia

2-year program covering the fundamentals of software development.

- Learned the fundamentals of software development, including object-oriented programming, functional programming, web and mobile development, error handling, concurrency, databases, and testing
- Completed two industry sponsored projects where I worked within a team to build web apps for clients

Projects

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
- Focused on overall good software design, by implementing the reducer pattern to handle the cart system and a context to avoid prop drilling
- Built with: React JS and Firebase

Youth Environmental Challenge

Sep 2020 – Dec 2020

youthenvironmentalchallenge.com

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

Our Footprint

Apr 2020 – May 2020

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

- Worked within a group of 4 other students to create a carbon calculator web app for a client
- 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, PostgreSQL

Volunteer Experience

Web developer

Nov 2021 – Present

West Vancouver Streamkeeper Society (WVSS) | West Vancouver, British Columbia

- Improving the WVSS website's overall ease of use for senior committee members by updating front end to be more readable and better organized.
- Currently researching ways to automate user membership renewal process

Work Experience

Produce Clerk

Jul 2018 – Jan 2019

Fresh St. Market | West Vancouver, British Columbia

- Provided strong customer service experience to all patrons of the market through effective verbal communication skills
- Trained new produce clerks on company's operations, policies, best practices, and routine responsibilities