Ben Harrison

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GitHub: https://github.com/bvdh98

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Portfolio: benharrisoncodes.com

Technical Skills

Operating Systems:	*Windows 10*
Applications & Tools:	*Microsoft Excel, Azure Sandbox*
Tools:	*G Suite by Google, RDBMS, IBM Cognos Analytics, Jupyter, SQLite*
Project Management Fundamentals:	*Agile, Waterfall, Scrum, Kanban, Trello, Gantt Charts*
Version Control:	*Git*
Languages:	*SQL, Python, HTML, CSS, JavaScript, React.Js, Java*
Game Development:	*Unity, C#*

Education & Certifications

Microsoft Azure Fundamentals Professional Certificate

Expected 2022

IBM Data Analyst Professional Certificate

Expected 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 IBMs 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
- Demonstrated a high level of understanding of Agile Project Management Lifecycle and key techniques and successfully complete Agile projects using tools such as Scrum, Kanban, and Gantt Charts

Computer Systems Diploma   **Jan 2019 - Apr 2021**

BCIT│ Burnaby, British Columbia

2-year program covering the fundamentals of software development.

- Specialized in web and mobile development
- Completed a variety of projects with an emphasis on software design
- Developed a solid understanding of Object-oriented programming using Java

Selected Projects

Youth Environmental Challenge   **Sep 2020 – Dec 2020**

Drizzle Environmental Challenge│ Vancouver, British Columbia

- Worked with 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
- Reached out to group members to solve CSS issues. By doing so, this saved the team significant development time

Frontend Web Developer   **Apr 2020 – May 2020**

Canadian V-Chip Design Inc │ Vancouver, British Columbia

- Collaborated with group of 4 other students to create a carbon calculator web app within the course`s 5-week period
- The calculator accurately computes a carbon footprint by using data related to the user`s car and data from the user`s Fortis BC and BC Hydro bills
- Ensured client satisfaction through weekly meetings, providing updates on the project progress in an organized and efficient manner
- Implemented a modern and responsive frontend with Angular.Js that promoted an intuitive and aesthetically pleasing experience for users

Volunteer Experience

Web developer   **Nov 2021 – Present**

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

- Improved the WVSS website's overall ease of use for senior committee members by updating front end to be more readable and better organized.
- Provided consultation support to WVSS website director within 2-month period through active engagement on website best practices

Volunteer for various roles   Oct 2014 – Present

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

- Recorded data on spawning salmon in local streams, used by the DFO to determine how sustainable local streams were.
- Promoted sustainability at community events by educating youth and public on ways to avoid polluting streams

Work Experience

Landscaper   **Apr 2021 – Sep 2021**

Carefree Greenery │ North Vancouver, British Columbia

- Ensured client satisfaction by keeping lawns and gardens in pristine condition.
- Completed tasks on time by working closely with other landscapers to quickly resolve problems.