Bradley Herrera Contreras

(519) 573-6105 | b2herrer@uwaterloo.ca | www.bradleyhc.com | bradleyhrc | bradleyhc

Skills

Programming	Python, SQL, R, SAS, JavaScript, HTML/CSS
Languages	English, French, Spanish
Libraries	Pandas, Numpy, Scikit-learn, Matplotlib, Tensorflow, Panel, React, Gatsby, Next.js
Tools	Jupyter, Git, Github, Visual Studio Code, RStudio, Power BI, Excel

Experience

Performance Analyst
Remote

DESJARDINS — *Jan. 2022 - April 2022*

- Performed **exploratory data analysis** on over 20 large-scale datasets.
- Shared over **10 scripts** in **SQL** and **SAS** to automate and simplify data manipulation for the team.
- Delivered 10 presentations, clearly **communicating quantifiable business intelligence** to stakeholders.

Office Associate
Kitchener, ON

DESJARDINS INSURANCE — *May 2021 - Aug. 2021*

- Acquired and managed over **$40,000 in revenue** among new business contacts.
- Built over **100** new, long-term points of contact with clients, delivering **long-term profitability**.

Customer Service Representative

DESJARDINS INSURANCE — *June 2018 - April 2021*

- Gained in-depth knowledge of the Finance & Insurance industry while resolving customer accounts directly.

Projects

Interactive Glucose Visualization Dashboard 🔗

PYTHON, PANDAS, PANEL, HEROKU

- Automated the pre-processing of over 2 years of Type 1 Diabetes glucose data using **Python Pandas**.
- Created an interactive dashboard including **3 plots**, **1 navigable table**, and search tools using **Panel** library.
- **Deployed web application** using **Heroku**.

Personal Website 🔗

REACT JAVASCRIPT, GATSBY, HTML/CSS

- Built a **React** application to display my portfolio, focusing on the **user experience** while browsing.
- Improved security by implementing **Gatsby** to build site statically.

Education

University of Waterloo & Wilfrid Laurier University
Waterloo, ON

BACHELOR OF COMPUTER SCIENCE & BACHELOR OF BUSINESS ADMINISTRATION — *2020 - 2025*

- Ontario **French Bilingual Certificate** (2020)
- UW President's Scholarship of Distinction, Waterloo County Scholarship, Governor General's Award

Extracurriculars

Lead Web Developer
Waterloo, ON

WATERLOO DATA SCIENCE CLUB — *May 2022 - Present*

- Leading a team of 2 developers to create a club website using **React** and **Next.js**.
- **Founded** the Development team to showcase technical data science projects among the community.

Web Developer
Waterloo, ON

MATHEMATICS SOCIETY — *May 2022 - Present*

- Building new static website features and improvements to maintain the official Mathematics Society website.

Vice President of Finance
Waterloo, ON

WATERLOO DATA SCIENCE CLUB — *Aug. 2021 - Jan. 2022*

- Strategically **reallocated over $2,500** in funds to improve stakeholder satisfaction.
- **Managed** all club spending, reimbursements, and financial reporting.