

Bradley Herrera Contreras

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Skills

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

Experience

Performance Analyst

Remote

DESJARDINS

Jan. 2022 - Apr. 2022

- Performed **exploratory data analysis** on over 20 large-scale datasets & flagged over 3 sources of error.
- Shared over 10 automated programs in SQL & SAS** with team, simplifying future tasks.
- Delivered 10 presentations, clearly **communicating quantifiable business intelligence** to stakeholders.

Office Associate

Kitchener, ON

DESJARDINS INSURANCE

May 2021 - Aug. 2021

- Acquired & 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**.

Projects

Interactive Glucose Visualization Dashboard 📊

PYTHON, PANDAS, PANEL, HEROKU

- Automated the pre-processing of over 2 years of personal glucose data using **Python Pandas**.
- Visualized data with an interactive dashboard including **3 plots, 1 navigable table**, & search tools using **Python Panel**.
- Deployed web application** using Heroku, sharing my Diabetes glucose monitoring with loved ones.

Portfolio Website 📄

REACT JAVASCRIPT, GATSBY, HTML/CSS

- Implemented over **5 React JavaScript plugins** to deliver exceptional user experience while scrolling.
- Improved security & response time using Gatsby to build site statically.

Education

University of Waterloo & Wilfrid Laurier University

Waterloo, ON

CANDIDATE FOR B. COMPUTER SCIENCE & B. BUSINESS ADMINISTRATION DOUBLE DEGREE

2020 - 2025

- Fluent in **French, English, & Spanish**
- Ontario High School **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 the creation of the official club website using the **React JS** framework to improve community reach.
- Founded** the Development team to showcase technical data science projects among the community.

Web Developer

Waterloo, ON

MATHEMATICS SOCIETY

May 2022 - Present

- Building new 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.

Laurier Insurance & Risk Association

Waterloo, ON

CORPORATE EXECUTIVE

Sept. 2020 - April 2021

- Managed all contact with a key industry sponsor to secure over **\$1,000** in sponsorship revenue and coordinate events.