

# Bradley Herrera Contreras

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## Skills

<b>Programming Languages</b>	Python, SQL, R, SAS, JavaScript, HTML/CSS
<b>Libraries</b>	Pandas, Numpy, Scikit-learn, Matplotlib, Panel, React, Gatsby
<b>Tools &amp; Frameworks</b>	Jupyter, Git, Github, Visual Studio Code, Xcode, RStudio, Power BI, Excel
<b>Human Languages</b>	English, French, Spanish

## 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**.

### Customer Service Representative

DESJARDINS INSURANCE

June 2018 - April 2021

- Enhanced **collaboration skills, teamwork, & soft skills** dealing directly with clients.
- Built **strong communication skills**, providing great customer experience across various methods of communication.

### Soccer Referee & Head Coach

Kitchener, ON

KITCHENER SOCCER CLUB

May 2018 - Sept. 2019

- **Led a soccer team of over 12 boys** while keeping positive communication between parents & club directors.
- Implemented new **communication strategies** for all parties during gameplay as leading referee.

## 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 to web** using Heroku, sharing my Diabetes glucose monitoring with loved ones.

## Education

### University of Waterloo & Wilfrid Laurier University

Waterloo, ON

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

2020 - 2025

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

## Extracurriculars

### UWaterloo Data Science Club

Waterloo, ON

VICE PRESIDENT OF FINANCE

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.