# NICO SHERBAN

Aspiring Data Scientist/Developer



## **1** CONTACT INFORMATION

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## CAREER OBJECTIVE

Aspiring Data Scientist and Web Developer with a BSc in Geophysics and 7+ years of international experience in education. Proficient in Python, JavaScript, SQL, and full-stack web development, with hands-on experience in machinelearning, data visualization, and cloud tools. Adept at analytical thinking, communication, and delivering high-quality, user-focused solutions. Currently skills expanding through intensive online bootcamps and personal projects.



#### Programming & Scripting::

Python, JavaScript, MATLAB

#### Databases::

PostgreSQL, MySQL, MongoDB

### Machine Learning & Data Analysis::

Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

#### Data Visualization::

Tableau, Power BI

## **EDUCATION**

9 09/2011 - 06/2015

University of Calgary, Bachelor of Science in Geophysics

Major GPA: 3.34

Jason Lang Scholarship Recipient

### \* PROJECTS

08/2022 - Ongoing

Portfolio Website + GitHub, Python, JavaScript, HTML, CSS and More

GitHub: https://github.com/nsherban1

Web Development Portfolio: https://nsherbanportfolio.netlify.app/

- Built and deployed full-stack applications using React, Node.js, MongoDB, and PostgreSQL.
- Created Python apps using Turtle, Tkinter, Matplotlib, and Pandas.
- Demonstrated proficiency in APIs, responsive design, and database integration.
- 9 08/2014 April 2015

**Geophysical Data Analysis (Capstone) - University of Calgary, 2015**, Final Year Geophysics Project

- Developed Python and MATLAB programs to analyze seismic, GPS, and EM data.
- Created interactive visualizations and presented actionable insights on subsurface resource potential.

## WORK EXPERIENCE

07/2022 - PRESENT

Idiomo Canada, Online English Teacher for Adults

- Teach Business and General English to adult learners using discussion-led methods.
- Design lessons that integrate data, case studies, and critical thinking-skills transferable to client communication and documentation in tech teams.
- 08/2017 10/2021

ILA Vietnam, English Teacher

- Taught a wide range of ESL classes from beginner to advanced, focusing on clear communication and learner engagement.-
- Trained junior teachers and created resource materials
- Demonstrate leadership and instructional design experience.

## TITLES AND AWARDS

**2014**: Received Jason Lang Scholarship for outstanding academic performance.



### Web Development::

React.js, Node.js, HTML, CSS

### **Version Control & Cloud Tools:**

GitHub, AWS (basic)

### **Microsoft Office:**

Word, Excel, Power Point

### Languages:

English (Native), Spanish (Fluent)

#### Soft Skills:

- Problem Solving Time Management
- Leadership Communication- Emotional and Cultural Intelligence

**2024**: 100 Days of code: The Complete Python Pro Bootcamp for 2022 on Udemy. 100 projects in 100 days. **(In progress)** 

**2024**: Node.js: The Complete Guide(MVC, Rest API's, GraphQL, Deno, MongoDB, SQL and more) on Udemy.com.

**2024**: The Complete JavaScript Course 2022: Zero to Mastery on Udemy.com.

**2023**: The Complete SQL Bootcamp 2022 on Udemy.com.

**2022**: The Complete Web Developer in 2022: Zero to Mastery on Udemy.com.

**2017**: IV Certificate in TESOL: Australian International College of Language

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