

# NICO SHERBAN

Aspiring Data Scientist/Developer



## CONTACT INFORMATION

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Calgary, Alberta, Canada

## CAREER OBJECTIVE

Aspiring Data Scientist and Web Developer with a BSc in Geophysics and 8+ years of international experience in education. Proficient in Python, JavaScript, SQL, and full-stack web development, with hands-on experience in machine learning, 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.

## SKILLS

### 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

September 2011 - June 2015

**University of Calgary**, Bachelor of Science in Geophysics

Major GPA: 3.34

Jason Lang Scholarship Recipient

## PROJECTS

August 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 JavaScript, HTML, CSS, Python, React, Node.js, MongoDB, PostgreSQL and more.
- Created Python apps using Turtle, Tkinter, Matplotlib, and Pandas.
- Demonstrated proficiency in APIs, responsive design, and database integration.

August 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

JULY 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.

AUGUST 2017 - OCTOBER 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.

## CERTIFICATES

**Web Development:**

React.js, Node.js, HTML, CSS

**Version Control & Cloud Tools:**

GitHub, AWS (basic), Render, Netlify

**Microsoft Office:**

Word, Excel, PowerPoint

**Languages:**

English (Native), Spanish (Fluent)

**Soft Skills:**

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

**2025:** 100 Days of code: The Complete Python Pro Bootcamp for 2022 on Udemy. 100 projects in 100 days.

**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