

# Naum Hoffman

software engineer/data analyst

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<https://github.com/naumgh/projectsAndSchool>

## SUMMARY

Analytical and result-oriented Software Engineer with progressive experience in OO Software Development, Web Development, Data Analytics, Database Development and Machine learning. Successfully executed multiple software development, data science and machine learning projects by employing various programming languages and data analytics skills using Python, JavaScript, SQL, Java, C++ and Tableau. Attention to detail professional with a commitment to producing high-quality product

## SKILLS

OO Software Development and testing, Data Analytics, Machine learning, Operating Systems, Numerical Analysis, Problem-solving, Attention to details

## TECHNICAL SKILLS

Python, C, C++, Java, JavaScript, SQL, HTML/CSS, Git, WordPress, Tableau

## WORK EXPERIENCE

### Career Note

October/2023 - January/2025

- Took time out to complete my Bachelor of Science in Computer Science at the University of Victoria.
  - Completed all the required 300 and 400 level courses and brought multiple machine learning, AI and software development projects to completion
  - Approved to graduate on 05/22/2025

### Data Analyst/Developer, Intern

March/2023 - September/2023

Pamway Logistics

Chicago, IL

- Collaborated with team members by gathering fleet data to effectively conduct thorough analysis and improve operational efficiency and reduce costs.  
Key contributions included:
  - **Data Management:** collected, cleansed, and cleansed master and transactional data using spreadsheets, ATL tools, Python and Tableau Prep.
  - **Database Development:** Design and creation of a small database in PostgreSQL
  - **Front-End Development:** Designed and developed a data entry interface using React.
  - **Data Analysis & Modeling:** Conducted exploratory data analysis, performed statistical evaluations, and developed predictive models using Python.
  - **Reporting & Visualization:** Completed dashboards and reports using Tableau to communicate insights effectively.

**Tools & Technologies:** Python, SQL, Tableau, Pandas, PostgreSQL, React, Informatica

### **Software Developer, Intern**

July/2022 - September/2022

iSource Macedonia

Bitola, North Macedonia

- Collaborated with an International team to develop web and mobile pages for a jewelry business
  - implemented and modified various modules under a senior developer's guidance.
  - Built interactive and user-friendly web interfaces using WordPress API
  - Performed web scraping involves using BeautifulSoup libraries

**Tools & Technologies:** React.js, JavaScript, HTML/CSS, Express.js

### **Software Developer, Contract**

January/2021 - May/2021

RecruiterPolls - an online startup

Seattle, WA

- Designed and developed key components of a recruiter platform and candidate database, used by a local recruiting company
  - **Data Requirement Analysis:** Defined data structures and optimized data flow.
  - **Technology Stack Selection:** Participated in selecting the appropriate tools and frameworks for scalability.
  - **Database Development:** Designed and managed a **MongoDB** database for poll data storage.
  - **API Development:** Implemented **GraphQL** for efficient data retrieval and client-server communication.
  - **Front-End Development:** Built a dynamic and user-friendly interface using **Svelte**.

**Tools & Technologies:** JavaScript, Svelte, GraphQL, MongoDB, Redshift

## **PROJECTS**

(See portfolio [website](#) for details, accessible from both mobile and desktop)

- Hospital management system database design and basic user interface
- Linear Regression and Medical Insurance Cost Prediction
- Text Data Classification and Gaining Insights from Textual Data
- The Palmer Penguins dataset data exploration
- Data Mining
- Web Scraper

## **EDUCATION**

Bachelor of Science in Computer Science

University of Victoria

Victoria, BC, Canada

Relevant Courses:

Algorithms and Data Structures, Computer Networking, Computer Architecture, Operating System, Software Development Methods, Object-Oriented Software Development, Software Testing, Design and Analysis of Real-time Systems, Analysis of Algorithms, Fundamentals of Programming II, Human-Computer Interaction, Database Systems, Data Management, Data Mining, Machine Learning, Introduction to Artificial Intelligence