

Brian Pho

Calgary, Alberta, Canada

EXPERIENCE

Intermediate Software Developer

Sep 2022 – Present

Hexagon Autonomy and Positioning

- Managed four internal Python projects from initial design phase, implementation, testing, to maintenance.
- Created a data visualization tool for customer support that supersede the current tool, improving the user interface and design.
- Collaborated with various teams across the company from customer support, legal, R&D, and DevOps to complete project deliverables.
- Mentored two new coworkers on programming best-practices, reducing the workload on our team and improving the code quality.

Software Developer Intern

May 2018 – Apr 2019

Pason Systems Corp.

- Developed and improved scripts used by the Tier 3 support team to diagnose and fix issues on over a thousand oil and gas drilling rigs in Canada and USA.
- Initiated the development of the Windows OS migration tool by gathering requirements, implementing features, and testing with the QA team.
- Participated in all aspects of the development process such as design, implementation, code review, and testing.
- Communicated and documented potential issues to the team to facilitate discussion and to ensure its visibility.

PROJECTS

Restaurant-Analytics Platform

Sep 2019 – Apr 2020

- Collaborated with five software engineers to build a restaurant-analytics platform that aggregates and analyzes data to provide insights.
- Investigated the application of machine learning to optimize restaurant operations by applying techniques and models from data science.

EDUCATION

MSc Neuroscience

Sep 2020 – Aug 2022

Western University

- Used machine learning to predict intelligence in children with ADHD, achieving original and significant results.
- Managed and coded the entire project from scratch, demonstrating my ability to work independently, set milestones, and learn on my own.
- Created and organized the weekly meeting agenda with my supervisor to discuss results and next steps, showcasing initiative and leadership.

BSc Software Engineering

Sep 2015 – Apr 2020

University of Calgary

CONTACT

- REDACTED

LINKS

- brianpho.com
- [linkedin.com/in/brian-pho](https://www.linkedin.com/in/brian-pho)
- github.com/Brian-Pho

SKILLS

Languages

- Python
- JavaScript
- C++
- Java
- C#
- Bash
- SQL

Technologies

- Git/SVN
- Jupyter Notebook
- Numpy/Pandas/Bokeh
- Keras/Scikit-learn
- Bootstrap
- React/Redux
- GatsbyJS/GraphQL
- Windows/Linux/macOS