

Owen Smith

Toronto ON

 [linkedin.com/in/owenpsmith/](https://www.linkedin.com/in/owenpsmith/) |  owensmith.page |  github.com/owenps |  owen.smith@mail.mcgill.ca

Personable, articulate, and driven Computer Science student with a passion for problem solving and creating innovative digital solutions that can make an impact. I look forward to leveraging my eagerness to learn and skillset to contribute to your organization.

EDUCATION

Bachelor of Computer Science (Honours), Minor in Mathematics

McGill University

Graduation: Dec 2021

Montreal, QC

- **Relevant Courses:** Applied Machine Learning, Honours Algorithms and Data Structures, Honours Algorithm Design

TECHNICAL SKILLS

Java, Python, PyTorch, SK-Learn, JavaScript, SQL, HTML & CSS, Bootstrap 4, C, Microsoft Office Suite

PROFESSIONAL EXPERIENCE

Software Developer Intern

Reamined Systems Inc.

May – Aug. 2020

Toronto, ON

- Developed a full stack local web application using JavaScript, SQLite, and Delphi
- Equipped with a customizable configuration utility to complement a responsive and client focused application
- Distributed across 444 municipalities in Ontario, giving millions easier access to their property assessments

Personal Banker

HSBC Bank Canada

Jun. – Aug. 2019

Toronto, ON

- Assisted clients with their everyday banking needs for personal and commercial accounts
- Increased banking efficiency by developing MS Excel scripts for mail log system
- Given responsibility to train incoming new staff after two weeks in my role

PERSONAL INTEREST PROJECTS

Rhino Chess

Deep Learning Chess Engine

Dec. 2020

- A PyTorch neural network which predicts winning chess positions with 97% test accuracy despite no prior understanding of chess rules or piece values
- Uses a comparison-based version of the alpha-beta search algorithm to determine the best move available

SoundIt

iOS Application

Jun. 2020

- Provide users the ability to stream YouTube audio in the background of their device, removing the video component entirely allows users to save over 30% on data fees
- SoundIt was deployed for iOS devices using Swift, and AWS

EXTRACURRICULAR EXPERIENCE

McHacks 7 Hackathon

Feb. 2020

- Our team built an iOS mobile application in Swift that uses machine learning and optical character recognition to interpret a list of ingredients and search for recipes using those results

McHacks 6 Hackathon

Feb. 2019

- Based on a challenge from Martello Technologies, our team built a Java program using Kibana and Elasticsearch to identify geological areas with no internet connection