

Hamza Sohail Bachelor of Computer Science

443 Drummerhill Cr, Waterloo, ON

hsohail.com | hamza.sohail@carleton.ca

TECHNICAL SKILLS

Languages

- Python
- C++
- Racket (LISP)
- Java
- HTML/CSS

Tools and Services

- Amazon Web Services
- Git and GitHub
- Linux
- Docker
- SQL

Soft Skills

- Multilingual
- Leadership
- Teamwork
- Problem-Solving
- Worth Ethic

EDUCATION

Carleton University, Ottawa

Graduation Date: 04, 2024

Bachelor of Science – Computer Science with Co-op

Sir John A Macdonald Secondary, Waterloo

Graduation Date: 06, 2016

High School Diploma

WORK EXPERIENCE

Industrial Waterblast Services, Waterloo

04, 2019 – 09, 2019

Skilled Laborer

- Various ultra-high-pressure (40,000psi) water applications
- Industrial sectors served such as oil and gas, steel mills and manufacturing

Walmart Canada, Waterloo

06, 2018 – 05, 2019

Inventory Maintenance Associate

- Customer experience and support
- Inventory management

TECHNICAL WORK EXPERIENCE

Carleton University (Work-Study), Ottawa

09, 2019 – Present

Full Stack Software Developer

- Python Flask backend
- HTML and JavaScript frontend
- Working with lab simulations and data analysis
- Graphical representations with Python Matplotlib

Self Employed, Waterloo

06, 2019 – 09, 2019

Web Developer (<https://jjsroofingcompany.com/>)

- WordPress with HTML and CSS
- LAMP stack with cPanel
- Domain and firewall configuration
- Traffic served over HTTPS via Cloudflare

TECHNICAL PROJECTS

hsohail.com, Personal Website

- Flask backend with a Bootstrap frontend
- Served with Amazon Web Services

Rock, Paper Scissors, Carleton University AI Society

- Lead developer for a machine learning based game with a team of 10 developers
- Used Python with version control from Git and GitHub

Carleton Poll, Personal Project

- Polling application built with Python and Bootstrap using Flask
- Safe RESTful API service with DynamoDB to store and retrieve polls
- A potential replacement for third-party software at Carleton University

CLUBS AND SOCIETIES

Project Leader, Carleton AI Society (CAIS)

Member, Carleton Computer Science Society (CCSS)

Member, Carleton Hacking Club (CuHacking)

WORKSHOPS AND EVENTS

Fellow.app – Introduction to Containers, Ottawa	11, 2019
Shopify – Let's Talk AI, Ottawa	11, 2019
DigitalOcean – Hacktoberfest, 2019, Worldwide	10, 2019
MLH Local Hack Day 2019 Workshop, Ottawa	10, 2019
Kinaxis – Machine Learning Workshop, Ottawa	10, 2019
Python for Data Science Workshop, Ottawa	09, 2019
Git and GitHub Workshop, Ottawa	09, 2019

VOLUNTEER EXPERIENCE

Carleton University, Ottawa

10, 2019 – 12, 2019

Data Scientist

- Python with Pandas, NumPy and Matplotlib
- Analyzed gene and protein interaction data for cancer research

COURSES

- | | |
|--|-----------------|
| • CS 1405 – Introduction to Computer Science with Python | Grade: A |
| • CS 1805 – Discrete structures such as graph theory and algorithms | Grade: A |

INTERESTS & ACTIVITIES

- DevOps
- SWE and Backend
- Security
- Data Science
- Research

REFERENCES

- **Shannon N.** – Lab Coordinator at Carleton University – ShannonNewlands@Cunet.Carleton.Ca
- **Ryan Z.** – Manager at Industrial Waterblast Services – ryan@industrialwaterblast.com
- **Chad M.Q.** – Manager at Industrial Waterblast Services – chad@industrialwaterblast.com
- **John S.** – Owner of JJ's Roofing Company – jimgraw@hotmail.com
- **Elizabeth D.** – Manager at Walmart Canada – [+1 \(519\) 746-1378](tel:+15197461378)