

HOLDEN FOLK

FULL STACK DEVELOPER

A passionate, highly professional fourth-year computer science student at McGill University with extensive summer intern experience in software development and finance. Looking to contribute in an internship or full time position.

SKILLS

JavaScript/TypeScript/Python/Java/HTML/CSS and framework-based development (React and React Native)

Professional Experience with AWS (S3, EC2, ELB, Kinesis, Athena, Firehose, Lambda) services

Professional Experience in Agile methodology in Jira

Professional experience with git version control in GitHub, GitLab, and Bitbucket

Professional experience with RESTful APIs, Node.js, CI/CD, and Docker

Professional experience with Python/Bash scripting, unit testing (Jest), and working in a Linux based environment

RECENT HACKATHONS

McGill FIAM Hackathon 2024

Placed on the shortlist of the competition. Created a proprietary machine learning model that uses Python (NumPy, SciPy, TensorFlow) to predict future stock prices with an ensemble of Random Forest Classification and LSTM.

McHacks Hackathon 2025

Completed a full-stack (MERN) Twitch web app that displays sentiment analytics of past Twitch streams using VADER sentiment analysis machine learning.

CONTACT

Toronto, ON

647-967-2658

holdenfolk1@gmail.com

www.holden-folk.com

www.github.com/HoldenFolk

EXPERIENCE

FRONT END INTERN – KAIDU AI

SUMMER – 2024

Interned at Kaidu AI for over four months as a front-end and mobile app developer. Led development of two production-ready products, including a React.js client dashboard to display admin Kaidu scanner data, and a React Native mobile application that enables users to connect and configure Kaidu Bluetooth Low Energy devices to Wi-Fi—resulting in an over 33% decrease in scanner connection time. Both products utilized Jest unit testing, Redux for state management, TypeScript, Azure cloud services, and integrated CI/CD with Docker and Bitbucket to deliver a professional-quality product for the team at Kaidu.

FULL STACK INTERN – DATA FRONT

2022/2023

Implemented a complete data analytics feature for the company's fund reporting application including an AWS alarm system relying on real time analytics delivered with AWS Firehose. Worked with React framework and developed a REST API to capture and store server-side analytic data created by application users. Data was stored in AWS S3. Used AWS Athena to query data using SQL for consumption by browser dashboard. Developed the feature under direction of company CTO who reviewed all code in Gitlab source control.

INVESTMENT ANALYST INTERN – ALTAS PARTNERS

SUMMER - 2021

Worked with the investment analyst team at Altas Partners in a 3-month program to learn the inner workings of private equity, assist with market research, source and conduct interviews with high-profile experts, and present a complete preliminary risk analysis of a leading healthcare provider in the United States for a principal at Altas.

MAJOR COMPUTER SCIENCE - MCGILL UNIVERSITY

2021-2025

Major in Computer Science with a minor in Economics.
Graduating May 2025