Simon Kassab

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EDUCATION

Bachelor of Computer Engineering (Co-op) – GPA: 3.9/4.3   2017 - 2021
Université de Sherbrooke – Sherbrooke, QC

WORK EXPERIENCE

Software Developer II   2023 - Present
Software Developer   2022 - 2023
Genetec – Montreal, QC

- Build microservices for a user management web application using C# and .NET framework.
- Design and implement a policy-based authorization solution published on an internal NuGet feed.
- Define and deploy Azure Cloud resources using Terraform (Infrastructure as Code).
- Contribute to the development of a front-end web application using React.

INTERNSHIPS

Artificial Intelligence Research Intern   Summer 2021
Croesus Finansoft – Laval, QC

- Research and evaluate state-of-the-art techniques in Differentially Private Synthetic Data Generation.
- Gather, clean and preprocess tabular financial transactions to train Generative Adversarial Networks.
- Build an extensive benchmark to evaluate the performance of various synthetic data generation models.

AI Developer   Fall 2020
Intact Lab, Intact Financial Corporation – Montréal, QC

- Develop features for a system that optimizes the matching of clients with customer service agents.

Portfolio Analytics Intern   Fall 2019
Caisse de dépôt et placement du Québec (CDPQ) – Montréal, QC

- Design automated workflows used to publish large amounts of financial data to AWS S3 Buckets.
- Build a C# tool calculating financial metrics for annually rebalanced portfolios.

C# Software Developer   Winter 2019
Croesus Finansoft – Laval, QC

- Investigate software bugs and write automated tests for a financial reporting software.

SKILLS

Programming	C# C++ C Python Java SQL React Angular HTML CSS
Tools	Git Docker Kubernetes Terraform Azure Cloud AWS ArgoCD
Linguistic	French English

INTERESTS

Cycling   Skiing   Photography   Graphic Design   Cinema   Formula 1   Sim Racing