

Nicholas Brisebois

COMPUTER PROGRAMMER

Centretown, Ottawa, Canada

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Skills

Programming Languages	Python, Javascript, Typescript, Go, Java
Frameworks	FastAPI, DJANGO Rest, Flask, Angular 2+, Gin, Springboot
Programming	Microservice Architecture, Functional and Object Oriented paradigms, Network Programming, REST & CRUD APIs
Cloud	Amazon Web Services, Microsoft Azure, Oracle Cloud
Databases	PostgreSQL, Kafka, MySQL, MongoDB, SQLite3
Spoken Language	English (Fluent), French (A2)

Work Experience

Coalition Inc.

Full Remote / Ottawa ON, Canada

BACKEND SOFTWARE ENGINEER II

Jan. 2022 to Present

- Worked on a variety of Python microservices powering Coalition's Control platform
- Lead cross-team collaboration to implement new roadmaps
- Acted as the SME for two critical Python services, acting as the point of contact for any questions regarding the services
- Implemented customer facing features allowing customers to better understand and manage their cyber risk exposure
- Designed and implemented the backend for a new internal platform replacing legacy paper forms with electronic versions
- Designed and implemented enhancements to internal software that enabled support teams to assist customers more efficiently
- Worked with the technologies: FastAPI, Flask, Postgres, AWS Lambda/ECS/ECR, Terraform/Terragrunt

Cisco

Ottawa ON, Canada

FULL STACK SOFTWARE ENGINEER

Feb. 2021 to Jan 2022

- Assisted in implementing new features in Springboot microservice backend 'Enterprise Access' for Cisco's Managed Service Accelerator (MSX)
- Assisted in implementing new features in front-end Angular 9 frontend
- Performed code reviews
- Assisted in designing architecture for new large-scale features before implementing them.
- Debugged regression issues in Jenkins pipelines

RHEA Group

Gatineau QC, Canada

APPLICATION DEVELOPER (SECRET CLEARANCE)

Sept. 2019 to Feb, 2021

- Improved performance and efficiency of company system by optimizing and re-engineering legacy Perl scripts into Go and Python where appropriate.
- Writing customer facing applications using NodeJS and Mozilla Nunjucks
- Implemented new features into company system using Golang and Python.
- Reduced time required to on-board new clients from a two-day process to a 30 minute one by creating a custom Ubuntu distribution using RedHat's Kickstart + Python.

Awards

ALGONQUIN COLLEGE

Fall 2017, Winter 2019, **Dean's Honours List**, Recognitions for outstanding academic performance in the Fall 2017 and Winter 2019 Semesters.

Education

Algonquin College of Applied Arts and Technology

Ottawa, Ontario

ADVANCED DIPLOMA IN COMPUTER ENGINEERING TECHNOLOGY

Jan. 2016 to Jan. 2020

Relevant Courses Taken:

- Compilers, Network Programming, Java Application Programming, C Language Programming
- Databases, C++ Language Programming, Numerical Computing, Web Programming, Real-Time Programming
- Data Structures, Calculus 1, Processor Architecture, Operating System Fundamentals
- Web Enterprise Applications, Interfacing, Software Design and Testing, .NET Enterprise Application Development