

Nathan Geist



EDUCATION

University of Calgary

B.S. Computer Science - Concentration in Information Security

Calgary, Alberta

Sept. 2014-Apr. 2019

PROFESSIONAL EXPERIENCE

Hitachi ID Systems

Python Developer

Calgary, Alberta

May 2017 - August 2018

- Designed and implemented multiple solo-effort tasks for an Identity Management System
- Assisted in designing and implementing a REST API
- Integrated previous solutions with ZeroMQ distributed messaging systems
- Coordinated with other designers and developers in structured a structured software development lifecycle

Canada Revenue Agency

IT Analyst (Student)

Calgary, Alberta

May 2016 - September 2016

- Developed troubleshooting skills through need to adapt work strategies to deal with evolving issues in the workplace
- Experience working in a highly skilled environment with rigorous policies for security
- Gained important time management skills to complete and document tasks completed in the workplace

TECHNICAL SKILLS

Programming

- Python
- C++
- CSS
- Java
- JS
- Shell
- Haskell
- HTML

Systems and Software

- SQL
- LaTeX
- REST
- Android
- Windows Server

Operating Systems

- Windows (95-10)
- Linux

RELEVANT COURSES

- Design and Analysis of Algorithms
- Database Management Systems
- Information Theory & Security
- Principles of Computer Security
- Computer Networks
- Network Security
- Design & Implementation of Database Systems