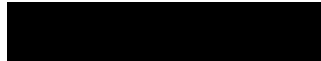


Nathan Geist



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 2019 - Present

- Extended and maintained a large PEP8 compliant Python repository
- Rewrote many core features to support new infrastructure while ensuring backwards compatibility with old systems
- Trained multiple interns and assisted in developing training documentation for our features

Python Developer Intern

May 2017 - August 2018

- 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 life-cycle

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
- Haskell
- HTML
- Java
- C++
- CSS
- Angular 2
- JS
- Shell

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