

Nathan Geist

✉ nathan@thinkgeist.com

☎ +1-403-559-6169

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 | ◦ Java | ◦ Angular 2 |
| ◦ Haskell | ◦ C++ | ◦ JS |
| ◦ HTML | ◦ CSS | ◦ Shell |

Systems and Software

- | | | |
|---------|-----------|------------------|
| ◦ SQL | ◦ REST | ◦ Windows Server |
| ◦ LaTeX | ◦ Android | |

Operating Systems

- | | |
|-------------------|---------|
| ◦ Windows (95-10) | ◦ Linux |
|-------------------|---------|

RELEVANT COURSES

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