

Jordan W. Haine

SOFTWARE ENGINEER

Toronto, ON

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Highlights of Qualifications

- Versatile software developer experienced in C#, ASP.NET, Javascript and Python.
- Proficient in Linux, MacOSX and Windows environments.
- Experienced with modern frameworks and libraries such as React, Redux, Django, DRF and Flask.
- Experienced with many RDBMS' such as PostgreSQL, MySQL and Microsoft SQL Server.
- Experience using MVC/MVVM architectural patterns for software development.
- Experience designing and implementing well designed RESTful APIs.
- Strong interest in security, reverse engineering, malware analysis and decentralized systems.

Education

Niagara College Canada

COMPUTER PROGRAMMER ANALYST DIPLOMA

- Honours Standing & President's Honour Roll
- Niagara Scholar Award

Welland, Ontario

2013 – 2016

Brock University

COMPUTER SCIENCE

- Entrance bursary of \$3000

St. Catharines, Ontario

2012 – 2013

Professional Experience

Security Compass – SD Elements

SOFTWARE ENGINEER

- Developing and maintaining a web application that helps fortune 100 companies secure their applications.
- Designed and implemented custom software solutions to integrate with existing developer workflow.
- Interacting with clients to tailor software specific to production needs.
- Built using Python, Javascript, Django, React, Redux & Django REST Framework.

Toronto, Ontario

Aug. 2016 – Current

Niagara Research

RESEARCH ASSOCIATE & ASSISTANT

- Crop yield analysis via a web app allowing farmers to maximize yield and save money through variable rate farming.
- Utilized geographic information systems (GIS) to allow over 30,000 Ontario farmers to harvest with precision.
- Data scraping, collection and analysis allowing farmers to respond much faster to temperature spikes and flash frost.
- Built using PHP, C++, Python, C# ASP.NET, D3.js and Bootstrap.
- Developed and maintained custom in-house data collection software for embedded Linux systems that interfaced with industrial machinery through programmable logic controllers (PLCs).
- Designed and implemented custom software to provide real-time production tracking, analysis and reporting.
- Built using ASP.NET MVC5, Python, Knockout.js, SignalR and Foundations.

Welland/NOTL, Ontario

Jan. 2015 – Apr. 2016

Technical Skills

Programming: C#, Python, Java, Bash, SQL

Web: Javascript, Node.js, ASP.NET, PHP, HTML5, CSS

Mobile: React Native, Android, Windows Phone

Frameworks/Libraries: React, Redux, Django, Flask, Knockout.js, SignalR, JQuery, D3.js, Bootstrap

Version Control: Git, Mercurial, SVN

Other: \LaTeX , JIRA, Travis CI, Yeoman, Docker, IDA Pro, OllyDbg, pdb