

Evan Lowry

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SUMMARY

Software Engineer fluent in Python, C and Shell. Experience in all stages of large scale web application development. Keen interest in architecture, application security and functional languages.

SKILLS

Languages: C, C++, Python, Bash, Java, Javascript, SQL, PHP

Frameworks: Pylons/Pyramid, Django, Bootstrap, jQuery

Build Tools: SVN, git, Jenkins, Debian Packaging, RPM Packaging

OS: Debian, CentOS, Arch Linux

Other: Vim, Splunk, Nginx, Apache, Agile (scrum, kanban)

EXPERIENCE

Web Applications Developer

May 2012–Current

NTT Data Inc. Halifax, NS

Consultant to Pason Systems

- Sustaining development on a wide range of mission critical products.
- Mainline development on data transport services and infrastructure layer components.
- Setup and designed CI infrastructure, deployment pipelines.
- Upgraded legacy software to modern standards.
 - Python 2.5 to 2.7
 - Java 1.4 to 1.7
 - Pylons to Pyramid
 - CentOS 5.2 to Ubuntu 12.04
 - Custom build scripts to debian packages.
- Created a system for deploying and managing software updates out to remote oil rigs.

Software Engineer

Oct 2010–Apr 2011

Nova Scotia Community Access Program. Halifax, NS

Independant Consultant

- Designed and implemented a payroll and intern management system.

Software Developer

May 2009–Sep 2009

Job Search Services. Cole Harbour, NS

Internship

- Created a web based time/log tracker for calculating employee PTO.
- Maintained public facing website.
- Developed in adherence to government standards.

Software R&D

Oct 2007–Mar 2008

Liberated Learning Center. Halifax, NS

Contract

- Created a flash based multimedia player to interface with IBM's ViaScribe technology, providing speech-to-text transcriptions of university lectures.
- Researched accessibility concerns with Flash/Actionscript 3.0
- Submitted paper on actionscript 3.0 accessibility to ASSETS. (Not published)

Web Developer

Jun 2007–Aug 2007

Job Search Services. Cole Harbour, NS

Internship

- Design and creation of new public website. No longer online.
- Heavy focus on accessibility and legacy compatibility.

EDUCATION	Bachelor of Science , Computer Science Saint Mary's University, Halifax, Canada Minor: Psychology	May 2012
	SANS SEC401: Security Essentials , Certified Professional GIAC GSEC, Analyst #34582	Nov 2013
MEMBERSHIPS	GIAC Advisory Board , Member	Dec 2013–Current
	EFF , Supporter	Jun 2013–Current
	ACM , Student Membership	Sep 2008–Mar 2012
AWARDS	ACM Style Competitions <ul style="list-style-type: none"> • 1st place (ACM APICS): 2007, 2010 • 2nd place (SMU HSPC): 2006 • 3rd place (SMU HSPC): 2007 • Top ten finishes (ACM ICPC): 2007, 2010 	
	Hackathon Style Competitions <ul style="list-style-type: none"> • Winner: Equal6's NTT Data challenge, 2012 • Winner: Equal6's Lixar challenge, 2012 	
INTERESTS	Guitar, Drums, Functional Programming, Security, Software Architecture	