

# Nicholas MacInnis

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## Professional Experience

### BigMachines, Inc.

**Technical Lead Software Engineer** *Jan 2012 - Present*

- Technical lead of Server Side Development team
- Performed code reviews and trained other developers.
- Introduced code quality standards based on code reviews (mandated) and testability (measured by coverage) to promote long term maintainability of the software.
- Wrote a library for working with Directed Acyclic Graphs and implemented a workflow/approvals system using it.

**Software Engineer Level 2** *Jan 2011 - Dec 2011*

- Lead developer on E-Commerce Business Rules Engine. Requirements analysis, design, implementation, testing, and code review.
- Lead developer on E-Commerce Testability initiative. Refactored software module to allow isolation of individual components for greater unit test coverage.

### Portico Systems

**Customer Support Software Engineer** *Jan 2009 - Dec 2010*

- J2EE, Jython and Oracle support engineer.
- Triaged customer issues and enhancement requests and developed solutions.
- Refactored Print Directory feed module for code quality and testability.
- Primary support engineer for National Provider Database feed module.
- Implemented departmental code review process.

## Technical Skills

- **Languages** Java, Python, Erlang, PL/SQL, bash
- **Technologies** Spring, Hibernate, Tomcat, Maven, Ant
- **RDBMS** Oracle, Postgres, Derby, MySQL
- **Tools** vim, Eclipse, Git, SVN, Jira

## Education

Bachelor of Science in Software Engineering, Drexel University, *Dec 2008*

## **Undergraduate Experience**

**Assistant System Administrator** *Jul 2007 - Nov 2008*

**Testing Automation Coop** *Apr 2006 - Sep 2006*

**Software Engineering Coop** *Apr 2005 - Sep 2005*

**IT Intern** *Jun 2004 - Sep 2004*

*References provided upon request.*