

David Sears

Telephone: (613) 353-7302 x email: queensprotege@hotmail.com
1020 Spring Mill Lane RR2 x Perth Road, ON x K0H 2L0

Education

- Master's of Science, Degree By Research** [09/01/2009 – Current]
Queen's University, Kingston, ON, Canada
Recipient of the Queen's Graduate Award
Fall Term Average: 87%
- Bachelor of Computing (Honours), Software Design** [09/01/2003 – 04/30/2008]
Queen's University, Kingston, ON, Canada
Average: 80%
*Honours Standing for 1st and 3rd Years
*Graduated with Distinction

Professional Experience

- Teaching Assistant – Software Specifications** [01/11/2010 – Current]
Queen's University – School of Computing, Kingston, ON
❖ Performed Tutoring, Marked Assignments, Proctored Exams
- Software Quality Assurance Engineer** [08/14/2008 – 08/14/2009]
Alcatel – Lucent, Kanata, ON
❖ Created, Maintained, Automated and Executed Test Plans to validate a variety of different requirements for the following products to be used in Alcatel-Lucent's 7710/7750 Service Routers: Next-Gen Circuit Emulation Services MDAs; 5-port x 10-Gigabit Ethernet Integrated Media Modules
❖ Investigated, Logged and Validated Fixes for Bugs related to the aforementioned products
❖ Performed Black/Grey-Box, Integration and Performance Testing Activities
- Teaching Assistant – Data Structures** [01/14/2008 – 03/26/2008]
Queen's University – School of Computing, Kingston, ON
❖ Tutored, Coordinated and Marked labs/tests
- Software Design Internship – Software Test Associate** [05/01/2006 – 08/30/2007]
Research In Motion, Mississauga, ON
Role & Responsibilities
❖ Assisted in the Design, Construction and Maintenance of an Automated Testing System implemented in Rational Robot/SQABasic
❖ Created, Maintained, Automated and Executed Test Plans from System Requirements
❖ Performed Black-Box and Performance Testing
❖ Investigated, Logged, Verified and Closed Bugs
❖ Maintained the environments used for testing (servers and databases)
Professional Traits
❖ Worked in a Software Automation/Development Environment with several other testers/developers

References and Transcript will be provided upon request.

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- ❖ Experienced using Extreme Programming as a Software-Engineering Methodology in Work Projects
- ❖ Worked and Engaged with Project Managers, System Architects, Software Developers, Production Managers and Quality Assurance Specialists
- ❖ Worked through the Project Life Cycle from start to finish on several different projects
- ❖ Mentoring Skills developed through Workplace New-Hire Training

Technical Expertise

- ❖ **Programming Languages** - IA-32 Assembly, C++, Haskell, HTML, Java, JavaScript, Prolog, Python, S/SL, SQL, SQABasic, Tcl/Tk, Visual Basic 6, VBA
- ❖ **Programming Platforms, Frameworks & Technologies** - Apache Ant; Eclipse and NetBeans IDEs; J2EE Components; JUnit Testing Framework; Network Programming Technologies (Sockets/RPC/RMI/CORBA); Swing; XML
- ❖ **Databases** – DB2; Oracle 9
- ❖ **Design, Modeling & Analysis Tools** - Characterizing Software with UML; CTL Model Checking with SMV; Object Modeling & Analysis with Alloy
- ❖ **Corporate & Industry Tools** - BEA WebLogic; DevTrack; LiveLink; Microsoft Office; Perforce; Rational Robot and TestManager
- ❖ **Operating Systems** - Windows (95/98/NT/2000/XP/Vista), UNIX, Ubuntu

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