

# Richard Drake

959 Renfrew Court  
Oshawa, Ontario, Canada  
L1J 6L2  
☎ 905.442.3152  
✉ richard.drake@uoit.ca  
👤 rdrake

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## Summary of Qualifications

- Experience administrating OS X Server, dozens of OS X and Windows client machines, and Linux and FreeBSD servers.
- Familiarity with existing staff, faculty, and IT staff.
- Successful development of laboratory manuals for CSCI 4100U Mobile Devices.
- Strength in analyzing, researching, organizing, and problem solving.

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## Education

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|-------------------------|---|
| 2010–2013<br>(Expected) | <b>Master of Science in Computer Science</b> , <i>University of Ontario Institute of Technology</i> , Oshawa, Ontario, Canada.              |
| 2006–2010               | <b>Bachelor of Science (Honours) in Computing Science</b> , <i>University of Ontario Institute of Technology</i> , Oshawa, Ontario, Canada. |

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## Master Thesis

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|-------------|---|
| Title       | Towards a Concurrent Implementation of Keyword Search Over Relational Databases |
| Supervisor  | Dr. Ken Q. Pu   |
| Description |   |

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## Experience

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|------------------------------|--|
| 2011–Present                 | <b>Volunteer Webmaster</b> , <i>Oshawa N.A.S.C. Soccer</i> , Oshawa, Ontario, Canada.<br>Initiated a project to migrate the user-facing website from a static to dynamic, database-driven, modern web application. Utilized Python/Django, PostgreSQL, SCSS, HTML5.  |
| Summer 2009 &<br>Summer 2010 | <b>Undergraduate Summer Research Award</b> , <i>University of Ontario Institute of Technology</i> , Oshawa, Ontario, Canada.<br>Designed and developed laboratory materials for CSCI 4100U Mobile Devices. Initially targeted toward iOS, later investigated the addition of BlackBerry OS. Set up and maintained lab equipment. |
| 2007–2010                    | <b>Sole Proprietor</b> , <i>Richard Drake</i> , Oshawa, Ontario, Canada.<br>Developed several database-driven client applications used to manage a company's quality control system. Technologies used included C#/.NET, T-SQL, and Microsoft SQL Server.  |

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## Computer Skills

System Administration	Experience administrating OS X, Linux, Windows, and FreeBSD
Programming Languages	Strong programmer in Java, Python, Ruby, Objective-C, and UNIX shell
Web Development	Several production Django and Flask applications, HTML5, JavaScript, SCSS

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## Teaching Experience

2011–2013	<b>Mobile Devices (CSCI 4100U)</b> , <i>Laboratory Instructor</i> .
Winter 2012	<b>Introduction to Computer Science with Python (CSCI 1040U)</b> , <i>Laboratory Instructor</i> .
Winter 2011	<b>Introduction to Computer Science with C++ (CSCI 1030U)</b> , <i>Laboratory Instructor</i> .
Fall 2010	<b>Database Systems &amp; Concepts (CSCI 3030U)</b> , <i>Tutorial Instructor &amp; Grader</i> .

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## References

References available upon request.

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**Human Resources**

*University of Ontario Institute of Technology  
2000 Simcoe Street North  
Oshawa, Ontario, Canada  
L1H 7K4*

**RE: Faculty of Science - Computing Laboratory Technician - UOIT 13-390**

To Whom It May Concern,

- Familiar with the existing CS courses, their lab requirements, and the actual lab setup.
- Very hands on experience with the UOIT CS lab setup through volunteer technical support and TA of courses that rely heavily on the lab resources.
- Motivated, driven and responsible individual
- Excited about new technology and the CS industry in general. Very involved with the development and adoption of new technologies.

Sincerely,

*Richard Drake*

Richard Drake

*Attached: curriculum vite*