

# Richard Drake

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

---

## Summary of Qualifications

- Experience administrating OS X Server, dozens of OS X and Windows client machines, Linux servers, 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

---

## Education

- 2010–2013 (Expected) **Master of Science in Computer Science**, UOIT, Oshawa, Ontario, Canada.
- 2006–2010 **Bachelor of Science (Honours) in Computing Science**, UOIT, Oshawa, Ontario, Canada.

---

## Master Thesis

- Title Towards a Concurrent Implementation of Keyword Search Over Relational Databases
- Supervisor Dr. Ken Q. Pu
- Description In this thesis we investigated the feasibility of transforming data in a relational form into a document form. This would allow users without domain knowledge or knowledge of SQL to find information quickly and efficiently.

---

## Experience

- 2011–Present **Volunteer Webmaster**, *Oshawa N.A.S.C. Soccer*, Oshawa, Ontario, Canada.  
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 & Summer 2010 **Undergraduate Summer Research Award**, UOIT, Oshawa, Ontario, Canada.  
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 **Sole Proprietor**, *Richard Drake*, Oshawa, Ontario, Canada.  
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.

---

## 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

---

## 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> .

---

## References

References available upon request.

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

November 14, 2013

**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,

I am applying for the position of Computing Laboratory Technician in the Faculty of Science (competition **UOIT 13-390**).

I am a motivated, driven, and responsible individual who is excited about new technology and always trying out new technologies; particularly embedded systems (Arduino), programming languages (Clojure, Python, etc.), and mobile devices (iOS and Android). I am confident that my experience at UOIT as a student and a teacher lets me both connect with the students who will be using the lab, and be an effective authority figure as a supervisor/administrator.

I would appreciate an opportunity to further discuss my qualifications at your earliest convenience. You may reach me via email at richard.drake@uoit.ca, or by phone at 905.442.3152. I intend to follow up within two weeks of the closing date.

Sincerely,

*Richard Drake*

**Richard Drake**

*Attached: curriculum vitae*