

# Pradeep K. Venkatesh

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## EDUCATION

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**Master of Applied Science - Electrical and Computer Engineering**

*Expected Aug. 2017*

Queen's University, Kingston, ON

**Bachelor of Technology - Computing and Information Technology**

*Aug. 2014*

McMaster University, Hamilton, ON

**Graduated with Distinction**

## PUBLICATION

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**What Concerns Do Client Developers Have When Using Web APIs? An Empirical Study of Developer Forums and Stack Overflow**

Proceedings of the 23rd IEEE International Conference on Web Services (ICWS), 2016, San Francisco, CA, United States. (Acceptance Rate = 13%)

*Jul. 2016*

## TECHNICAL SKILLS

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**Programming:** C# (Intermediate), Java (Intermediate), Python (Beginner)

**Databases:** Microsoft SQL Server, Microsoft Access, Oracle 10g, MySQL

**Database Tools:** SQL Reporting Service, SQL Integration Services, Oracle SQL, Oracle BI

## PROFESSIONAL EXPERIENCE

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### ACADEMIA:

**Teaching Assistant**, Queen's University, Kingston, ON

*Jan. 2016 - Apr. 2017*

- ELEC 490/498 - Electrical/Computer Engineering Project (4th year students/Class size: 78)  
Lead TA; Supervising students final year projects.
- APSC 142 - Introduction to Computer Programming for Engineers (1st year students/Class size: 75)  
Lectured class on a weekly basis; prepared, conducted, and marked quizzes; and marked final exams.

**Visiting Research Student**, IBM Canada, Markham, ON

*May. 2016 - Aug. 2016*

**Research Assistant**, Queen's University, Kingston, ON

*Sep. 2015 - Aug. 2017*

At Software Re-engineering Research Lab, lead by Dr. Ying Zou.

### INDUSTRY:

**Software Developer**, KPMG Canada, Toronto, ON

*Aug. 2014 - Sep. 2015*

- Global Immigration Processing System (Improved case processing time by cutting down 20 minutes/file)  
Developed using C#, tested, and supported internal immigration case processing system. Designed, developed using Microsoft SSIS, and implemented automatic data-exchange among providers, and introduced automatic case letter generating mechanism for US-H1B visa processing attorneys.

**Programmer/Analyst**, Northern Credit Union Bank, Sudbury, ON

*Jan. 2010 - Aug. 2012*

- Online Time Management System (Improved payroll processing efficiency by cutting down 1 week's time)  
Initiated, designed, prototyped, developed using C#, tested and implemented.
- Produced Banking Reports  
Analysed requirements, designed, and developed SQL queries using Microsoft Reporting Services (SSRS), and automated using Microsoft Integration Services (SSIS).

- Rewards and Recognition System (Introduced systematic rewards and recognition mechanism)  
Initiated, designed, developed using C#, tested, and implemented internally.
- Disaster Recovery Document  
Composed programming module's documentation, maintained and supported for in-house applications.

**Computer Programmer\***, Aberdeen Technical Services Ltd, Sudbury, ON *Apr. 2009 - Jan. 2010*  
(\*Contract position at Northern Credit Union)

- Branch Operations Internal Site (Improved operation department's work procedure)  
Analysed department requirements, designed, prototyped, developed using C#, tested, and implemented.

#### LEADERSHIP ACTIVITIES

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**Vice President - Finance**, Graduates in Electrical and Computer Engineering Society *Sep. 2016 - Present*  
**Employee Co-Chair**, KPMG Canada - Health and Safety Committee *Jan. 2015 - Sep. 2015*  
**Honour Guest Registration Team - Volunteer**, WE DAY - Toronto Event *Oct. 2014*  
**Volunteer**, KPMG Canada - Big 4 Battle of the Bands *Oct. 2014*  
**Web Content/Social Media Coordinator**, McMaster University, Hamilton, ON *Sep. 2012 - Aug. 2014*

#### AWARDS AND HONORS

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**Queen Elizabeth II Graduate Scholarships in Science and Technology**, Queen's University,  
(\$15,000 CAD) *2016 - 2017*  
**Queen's Graduate Award**, Queen's University, (\$3,535 CAD, \$3,000 CAD) *2015, 2016*  
**Graduate Entrance Tuition Award**, Queen's University, (\$6,414 CAD) *2015*  
**Herman K. Walter Graduate Award**, Queen's University, (\$5,000 CAD) *Sep. 2015*  
**University (Senate) Scholarship**, McMaster University, (\$800 CAD) *2014*  
**Deans Honor List**, McMaster University *2013, 2014*

References are available upon interview