

# Phillip Pavlich

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## **Highlights of Qualifications**

- Experience coding in Java, C++, HTML/CSS, JavaScript, jQuery, SQL and Python
- Experience working in Visual Studios and Visual Basic 6
- Exceptional customer service and leadership skills
- Excellent problem solving and information analysis skills
- Strong written and communication skills
- French Immersion graduate

## **Education**

### **Bachelor of Engineering and Management, Software**

Expected Completion April 2020

McMaster University, Hamilton Ontario

- Currently in Level 3 of a five-year program
- Management specialization with courses in economics, marketing, leadership and communication skills

### **Project Work**

- Extensively coded a math library to work with large matrices, multiplying them and inverting the result
- Created an e-Commerce Shopping System in Java to browse items, purchase items, save items to a shopping cart, keep record of previous purchases and provide a user interface to navigate with
- Created a music recommendation application which uses a data set with ratings and values associated with 10 000 songs in order to provide the user with a better song choice for the user's taste in music  
(This project was selected to represent the McMaster Software Engineering and Computer Science Department as one of the best projects in the class)

## **Experience**

### **Junior Technical Analyst – IT Department**

September 2016 - Present

NexgenRx, Etobicoke ON

- Coding and Testing of SQL, including views and stored procedure, to provide data to reports
- Developing reports using SQL/Server Reporting Services(SSRS) and Integration Services (SSIS)
- Creating and maintaining the required specification and design documents
- Creating and maintaining inventory of hardware and software
- Performing change management tasks in the scheduled weekly maintenance window on production systems

- Following a standard software development process to ensure proper software design, testing, rollback, documentation, and implementation

### **Hockey Referee**

September 2011 - Present

OMHA, Whitby ON

- Controlled hockey games while making challenging calls
- Learned to use clear and concise communication through interacting with players and coaches
- Observational skills developed in the decision making process of major penalties, to ensure consistency and proper repercussions for the penalized player
- Demonstrated teamwork; all 2-4 referees must work together as a unit to ensure the game is fair for both sides

### **Server, Host and Expeditor**

June 2014 – September 2015

Kelseys Restaurant, Whitby ON

- Greeted guests and ensured they enjoyed their stay
- Developed effective time management skills
- Guaranteed food was plated correctly and arrived at the right table
- Provided high quality customer service for our guests
- Further developed teamwork with other servers and cook staff

## **Skills**

### **Software**

- Experienced using Microsoft Word, Excel, Powerpoint, and Matlab
- Experience working in Visual Studios and Visual Basic 6
- Proficient coding with Java, C++, JavaScript/jQuery, HTML/CSS, NASM, Bash, SQL and Python

### **Language**

- Graduated High School as a French Immersion Student (ability to read, write and speak fluently)
- Strong communication skills obtained through the Management Program

## **Leadership and Extracurricular Activities**

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|---|----------------|
| • McMaster Programming Competition  | March 2016     |
| • Tutored for an intro to Python course   | March 2016     |
| • Student member of PEO and OSPE  | 2015 – Present |
| • Arduino Club - Learned to program with an Arduino and to configure circuits to perform specific tasks | 2015 – Present |
| • Assisted in coaching a youth's Hockey Team, helping their goalies                                     | 2015 – Present |
| • Played Rep hockey at the AAA level and upon entering university, joined Adult Safe Hockey League      | 2009 – Present |