

Andy Truong

COMPUTER SCIENCE · FINANCE

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Key Skills

- Upcoming Computing and Financial Management graduate with strong foundations in programming and finance.
- Strong desire for expansion of skill-set in achieving individual and team success in a fast-paced working environment.
- Ability to present highly detailed and informative reports, technical documentation and work.
- Self-motivated, time managed, and organized individual that is able to work individually and flexibly in a team.
- Detailed-oriented and ambitious individual that is committed to delivering high quality results.
- Highly critical thinker with effective researching, problem solving and communication abilities proven through experience.

Technical Skills

- Dedicated in maintaining up-to-date knowledge in best Information Technology practices.
- Obtained knowledge in the software development lifecycle and writing vigorous algorithm test cases.
- Exposure in application development for mobile operating systems such as iOS and Android.
- **Languages:** Scheme, Python, C, C++, SQL, Matlab, Bash, Powershell, HTML (Beginner), Swift (Beginner)
- **Object-Oriented Design:** UML, Design Patterns
- **Operating Systems:** Microsoft Windows, Mac OSX, Android, iOS
- **Services:** Avaya Telephony, Active Directory, Blackberry Enterprise Server, Microsoft Office Suite

Experience

Region Municipality of Peel

Brampton, Canada

IT INFRASTRUCTURE ANALYST

Sept. 2016 - Present, Jan. - May 2016

- Assist with server maintenance via patches, Brocade switch configurations and Avaya telephony configurations.
- Proactively improving the efficiency of Active Directory and Exchange commands by Powershell scripting.
- Provide quick and effective troubleshooting solutions to resolve client computer related issues.
- Maintained employee domain accounts within the corporate network via Active Directory and Exchange.
- Successfully assisted in the migration of local users, mailboxes and distribution lists to Microsoft's Office 365 platform.

Region Municipality of Peel

Brampton, Canada

IT INFRASTRUCTURE ANALYST

May - Sept. 2015, Aug. - Dec. 2014

- Developed efficient and effective algorithms in Powershell to solve complex tasks.
- Assisted in the configuration of many applications such as the Open Text Document Server.
- Effectively communicated with third-party vendors to resolve issues within the corporation.
- Gained knowledge in Active Directory and user management.

Region Municipality of Peel

Brampton, Canada

IT INFRASTRUCTURE ANALYST

Jan. - Apr. 2014, May - Aug. 2013

- Developed clear, detailed and effective documentation for software and hardware configuration.
- Reviewed all infrastructure documents to ensure accuracy and organization.
- Managed supplier relationships to successfully replace defective units in the environment.
- Assisted in the management and addition of servers and switches onto a monitoring service, ipMonitor.
- Developed an understanding in the Linux Command Line Interface and Windows Powershell.

Projects

Peel Location Application

Mar. 2016 - Present

- iOS application developed with Apple's created Swift language.
- Database application that hosts important locations around Brampton, Caledon and Mississauga.
- Displays the address of locations using Apple's Mapkit Framework.

Active Directory Management Tool

Feb. 2016 - Mar. 2016

- Windows Application Tool for servers coded solely with Powershell.
- Allows the user to retrieve and modify network accounts within the organization.
- Properties displayed include display name, title, description, email, phone, home drive, organizational unit, account expiry, SamAccount name, and extension attributes.
- Back-end code that connects to a domain controller and displays the information neatly in a Graphical User Interface.

Quadris

Aug. 2014

- Linux command line game implemented with X-11 graphics and Object-Oriented Programming (OOP) designing techniques in C++.
- Next block based on a random number generator that assign probabilities based on the current level.
- Mimics the features of the well-known game Tetris; features include block movement, level up and score.
- Additional features include life saver and cheats which are enabled through the score deduction system.

Bash Testing Script

Apr. 2014

- Automated scripting tool developed to test C++ programs with the use of input and output files.
- Primary usage was to test program output and the expected output with many vigorous testing conditions.

Education

University of Waterloo

Waterloo, Canada

CANDIDATE FOR BACHELOR OF COMPUTING AND FINANCIAL MANAGEMENT (EXPECTED MAY 2017)

Sept. 2012 - Present

Awards & Achievements

2013-2016	Dean's Honour List , University of Waterloo	Waterloo, Canada
2013	University of Waterloo Retirees' Award , University of Waterloo	Waterloo, Canada
2012	Merit Entrance Scholarship , University of Waterloo	Waterloo, Canada
2012	Ontario Scholar Award , Brampton Centennial Secondary School	Brampton, Canada
2012	Achievement in French Studies , Brampton Centennial Secondary School	Brampton, Canada

Hobbies & Interests

- Playing sports such as ball hockey, badminton and table tennis.
- Keeping up-to-date with the latest technology.
- Learning and implementing new programming languages.