

CEDRIC FADEL

COMPUTER ENGINEERING

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SUMMARY

- Proficient in software development life cycle with a strong understanding of object oriented concepts and their applications
- Experienced developing solutions utilizing the full-stack of Microsoft technologies
- Aptitude to handle multiple project orders while working in a fast-paced, Scrum/Agile environment
- Eager to learn new skills while adapting to employment guidelines and demonstrating persistence, commitment and dedication

EXPERIENCE

• Full Stack Software Consultant

BDO Solutions - Systems Group | Jan 2017 - May 2017

- Designed and implemented security features for a Web Portal such as the Audit Trail, reset password and login pages amongst others
- Enhanced web portal's performance by 60% by making Audit Trail's design multithreaded
- Built end-to-end MVC features such as User Management using C#, SQL and JavaScript
- Improved the front-end performance by implementing AngularJS

• Software Developer

MedAvail | May 2016 - Aug 2016

- Implemented a web-service platform that periodically fetches the information and status of a development branch and its virtual appliance and displays it on a web-page
- Created .msi installers with WIX to accelerate the installation of web-services by 150%
- Fixed bugs and implemented new features on embedded software and various websites primarily using C#, SQL, HTML, CSS, KendoUI, JQuery and JavaScript

• Software Quality Assurance

MedAvail | Sept 2015 - Dec 2015

- Accelerated average QA cycle testing turn-around time by 250% by developing C# automation cycle testing scripts using Coded UI
- Created C# winform application to automate build deployment

• Systems Implementation Project Coordinator - Co-op Leader

TJX Canada | Jan 2015 - May 2015

- Managed and coordinated the systems aspects for all new stores in a timely manner
- Communicated with vendors, construction team and customers in French and English

PROJECTS

• Image Classifier (Script - Python)

- Trained a neural network with TensorFlow to automatically recognize hand-written digits. Documented research on online blog, cedricfadel.com/blog

• Keylogger (Console Application - C++)

- Capable of recording encrypted keyboard and mouse inputs using Windows API and using PowerShell to have it mailed to a user in order to get decrypted

• Pedometer (Android App - Java)

- Implemented a path-finding algorithm which can guide a user to a destination while correcting the user's wrong turns along the way

EDUCATION

University of Waterloo

Sept 2014 - Present

BASC, Computer Engineering

SKILLS

Languages

- C#
- Java
- C++
- JavaScript
- Python
- SQL
- HTML
- CSS

Tools & Frameworks

- AngularJS
- ASP.net MVC6
- Git
- TFS

Ethical Hacking

- Kali-Linux
- SQL injections
- SLL strip
- DoS attacks

RELEVANT COURSES

Udemy | 2016

- The Complete Ethical Hacking Course

University of Waterloo | 2016

- Algorithms and Data Structures

University of Waterloo | 2016

- Real-Time Operating Systems

ACHIEVEMENTS

Best International Baccalaureate Project - 2014

- Green building concept with a 4000 word research paper

MVP - Soccer - 2013

Grade 5 - Guitar RCM - 2014