

# 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

#### • Software Engineer

NVIDIA | Santa Clara, USA | Jan 2017 - May 2017

- Designed and implemented a Data Health Monitoring Platform for existing data pipelines
- Built front end experience using primarily D3.js, AngularJs for tree and KPI representation
- Built backend services that interacts with data pipeline components to fetch and store data using Java Spring framework and Postgress

#### • Full Stack Software Consultant

BDO Solutions - Systems Group | Toronto, Canada | 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 using C#, SQL, JavaScript and AngularJS
- 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

#### • Software Developer

MedAvail | Mississauga, Canada | Sept 2015 - 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 using 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

#### • Systems Implementation Project Coordinator - Co-op Leader

TJX Canada | Toronto, 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

### EDUCATION

#### University of Waterloo

Sept 2014 - Present

BASC, Computer Engineering

### SKILLS

#### Languages

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

#### Tools & Frameworks

- AngularJS
- Git, SVN
- ASP.net MVC6
- Node.JS

### RELEVANT COURSES

#### Udemy

- The Complete Ethical Hacking Course

#### University of Waterloo

- Real-Time Operating Systems
- Computer Networks
- Compilers

### 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](http://cedricfadel.com/blog)

#### • Keylogger (Console Application - C++)

- Records and encrypts keyboard and mouse inputs using Windows API hooks and mails it to user using PowerShell script

#### • Pedometer (Android App - Java)

- Real-time path-finding algorithm which guides a user to a destination while correcting his mistakes

#### • Stock to Date (Windows App - C#)

- Dynamic information interface app that fetches the price and status of Gold, US Dollar and European Euro on a daily basis