

# BEHKISH NASSIRZADEH

BASc Computer Engineering, University of Waterloo

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## HIGHLIGHTS AND SUMMARY OF QUALIFICATIONS

**Experience:** Full Stack | Web Dev | Salesforce | Information Security | System Admin

**Languages:** C | C# | C++ | Java | Apex | Swift | Objective-C | Solidity | JavaScript | PHP | Python | CSS | HTML | VBA | Assembly | VHDL | Matlab

**Databases:** MySQL | SQL Server | T-SQL | PL/SQL | SOQL

**Environment:** Windows | UNIX/ LINUX | Mac

**Tools & Frameworks:** .NET | ASP.NET | Force.com | Ext Js | AngularJS | SharePoint | WordPress | MVC | Git | JIRA | Balsamiq | Selenium

**Extra Knowledge:** Cryptography | Network Security | Blockchain | Robotics | Cooperative and Adaptive Algorithms | Data Warehousing | Mining | Decision Trees | Compiler Optimization | Mobile App

## WORK EXPERIENCE

### IBI Group

*Software Developer*, Toronto, Canada, Sep – Dec 2018

- Developed an **Angular web application** “LADOT”
- Developed **full stack** web applications using the **AngularJS** platform
- Designed and managed SQL Server tables and SPs
- Coded the application using **C#, TypeScript, Bootstrap** and **HTML**
- Worked closely with the **AI** and **ML** teams in various projects

### York Region

*Software Developer*, New Market, Canada, Sep- Dec 2017

- Developed a web application “YorkTrax” using **Force.com** platform
- Coded front-end using **Visualforce** and **jQuery** and back-end in **Apex** and **SOQL**
- Used **REST APIs** to connect to SharePoint
- Automated the testing process using **Selenium** and **Java**
- Improved performance and security

### Ontario Ministry of Education

*.NET Developer*, Toronto, Canada, Jan- Apr 2017

- Developed two different **web applications** PFAAMC and PFAAMU concurrently
- Developed **full stack** web applications using the **AngularJS** platform and **.Net framework**
- Coded front-end using **TypeScript** and **JavaScript**, **CSS** and **HTML** ,
- Coded back-end in **C#** and used **Entity framework** and **LINQ** to access the **Oracle DB**
- Created reports using **Crystal Report**, **OfficeOpenXml** (EPPLus), **PDFsharp** and **MigraDoc**

### Korpi Company

*Web Developer*, Dec 2016 – Mar 2017 (Part-time)

- Developed the website [korpico.com](http://korpico.com) from scratch using **WordPress**
- Modified most of the **PHP** plug-ins
- Modified and implemented HTML files

### The Nielson Company

*Software Developer*, Markham, Canada, May-Aug 2016

- Developed two web applications from setting up TFS and IIS to working functional applications developed in **EXT-JS** and **C#**.
- Coded front-end using **EXT-JS** and **HTML**
- Coded back-end using **C#** and used Entity framework to access the **Oracle and SQL**
- Implemented scripts and procedures for Oracle (**PL/SQL**) and SQL (**T-SQL**) database

**CIBC***Information Security Coordinator, Toronto, Canada, Sep-Dec 2015*

- Successfully automated generating multiple security reports using **VBA** and **HTA**
- Created Excel and Outlook VBA Macros and created scripts using VBScript
- Created documents and knowledge base

**Encubate***Web and System Administrator, Toronto, Canada, Aug – Oct 2015 (Part-time)*

- Developed, designed and translated the website [farsi.encubate.ca](http://farsi.encubate.ca) using **WordPress**
- Developed and designed [Arabic.encubate.ca](http://Arabic.encubate.ca)
- Improved and updated the website [encubate.ca](http://encubate.ca)

**T4G Limited***Internal Infrastructure Specialist, Toronto, Canada, Jan- Apr 2015*

- Created scripts in Microsoft **PowerShell** to ease the account management
- Provided IT support and Created and modified **MS SharePoint** and FTP sites
- Managed accounts on MS AD and Exchange

**Korpi Company***Computer Troubleshooter Assistant, Tehran, Iran, June- Sept 2011*

- Assisted troubleshooting computers of the company
- Assisted upgrading computers' hardware and software

**VOLUNTEER EXPERIENCE****Rayan Kashiha Tehran Education Complex***Teaching Assistant, Dubai, United Arab Emirate, January-May 2012*

- Taught mathematics to high school students
- Helped grade 9 students to improve their marks

**FINAL YEAR DESIGN PROJECT****GymHand**, May 2018 – Apr 2019

- A wearable device that guides the user through weight-lifting exercises
- Uses an array of different kinds of sensors to collect data
- Applies knowledge regarding embedded software development, analog sensor interfacing, and digital signal processing
- Machine learning is applied to analyze the data
- Uses a mobile application to interact with the user

**SIDE PROJECTS** (*Excluding school projects*)**Advanced Kirsch Edge Detector**, VHDL, Sept – Nov 2017

- Designed and implemented a Kirsch edge detector in VHDL
- Used multistage pipelined implementation
- Optimized to use minimum hardware and maximum clock speed

**Kanban Board**, SharePoint, Mar - Apr 2017

- Developed and designed a Kanban board, a hackathon winning project, on a SharePoint site
- Developed the board using SharePoint Designer 2013
- Coded in JavaScript (jQuery), XHTML and CSS

**Chat App**, I-OS application, Mar- May 2015

- Developed a chat application using Facebook Parse platform
- Coded the app in both Objective-C and Swift

**EDUCATION**

**University of Waterloo**

Master of Applied Science, Computer Engineering (Computer Software)

Expected 2021

**University of Waterloo**

Bachelor of Applied Science, Computer Engineering

2019