Hussein Alkasake

636 Yarmouth Dr, Waterloo ON | +1 (514) 703 9355 | husseinalkasake@gmail.com | linkedin.com/in/hussein-alkasake

Technical Skills

- **C#/.NET** windows app development (**UWP/WPF**)
- Cross platform mobile app development using Xamarin Forms (**XAML/ C#**)
- Native **iOS** app development using **Objective-C**
- Effective **C, C++** object-oriented programming skills; Exposure to **PLC**
- Experience working with **TFS** & **Git** within an **Agile/Scrum** environment
- Experience working with **XML** and **JSON** data objects
- Experienced with CAD software design and dimensioning (**AutoCAD** and **SolidWorks**)
- Proficient in Microsoft Office, **Visual Studio** & **X-Code**

Interests

- Strong interest in learning new software development languages and technologies
- Passion for different genres of music and interest in mixing and production
- Huge film buff: Letterboxd

Projects

- Created and shipped a complete Windows 8 & 10 language learning assessment application (**UWP**, **Metro**) from the ground up, by creating and binding **XAML** view screens and **C#** view models
- Created a new version of an existing **iOS** application with **C#/.NET**, adding new screens to the assessment and demographics sections
- Designed a wireless Windows to iOS connection functionality for an existing iOS app using **C, C++** and **Objective-C**
- Designed, tested and debugged line following and coin sorting robots using **C++** to meet project constraints
- Completed multiple professional, properly dimensioned drawings using **AutoCAD** and **SolidWorks**

Work Experience

Software Developer – Multi Health Systems, North York, ON
September 2016 – December 2017 (**12 months**)

- Created Windows 8 & 10 UWP/Metro applications for an English learning child assessment using **C#, .NET** & Xamarin Forms, and shipped app to Microsoft Store to be used by company clients
- Communicated with company portal APIs using **JSON** and **XML** data
- Fixed hundreds of bugs and worked on new user stories in a timely manner within an **Agile/Scrum** environment; participated in daily standups and sprint planning sessions
- Completed an update to an existing iOS application, 4 weeks ahead of schedule, by adding new screens and calculating new data
- Developed a cross-platform template for future Windows and mobile assessment applications based on existing code
- Managed multiple projects within a fast-paced environment; tracked workflow using **TFS** and **Git** repositories

iOS App Developer – Trans-Plan Inc., Toronto, ON
Jan 2016 – April 2016 (**4 months**)

- Developed functionality for traffic analysis iOS application using **Objective-C**; wirelessly synced Windows video player with iOS app
- Updated existing company applications with requested interface features by co-workers and traffic surveyors

Education

Candidate for Bachelor of Applied Science; Mechatronics Engineering – University of Waterloo, Waterloo, ON
September 2015 – Present (Expected Graduation: 2021)