Asam Malik

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Summary of Skills & Achievements

- 3rd year Honors Software Engineering program at York University with experience in software development, design and testing procedures
- **Software**: Android Studio, Xcode, Unity 3D, Adobe Suite
- **Programming Languages**: Java, Python, C/C++, JavaScript, Shell Scripting, Kotlin, Swift
- **Other Technologies**: Git, SVN, Firebase, Jenkins, WordPress, HTML/HTML5, CSS

Professional Experience

Android Developer ……………………………………………………………………. September – December 2018
TD Canada Trust — Toronto, ON

- Created a solution for automatically updating release notes on Confluence for both Android and iOS using shell scripting, leading to a 20% reduction in application build time
- Managed TD's Repository Manager using Gradle (Android Client App)
- Worked with the backend API in Java to integrate a notification system, specifically handling device registration during bank account login (Android Client App)
- Migrated Google Cloud Messaging to Firebase Cloud Messaging (Android Client App)

Communication Designer ……………………………………………………………. September 2017 – August 2018
Research Impact Canada (KMb) — Toronto, ON

- Designed PowerPoint presentations, print collateral such as brochures, post cards, banners and business cards, and annual reports for 2017 and 2018 using InDesign
- Created 6 custom infographics related to research papers for York University researchers using Photoshop and Illustrator
- Created 3 animated motion graphic videos about KMb's services using After Effects
- Developed design guidelines for all marketing materials that meet York's design guidelines

Assistant Web Developer ……………………………………………………………………….. May – August 2017
Research & Innovation York — Toronto, ON

- Redesigned the Innovation York website home page on WordPress to ensure a more user-friendly experience using JavaScript and CSS
- Designed custom graphics and icons using Photoshop and Illustrator
- Website: www.innovationyork.ca

Education

B.Eng., Spec. Hons. Software Engineering ……………………………………………… Expected Completion April 2021
York University — Toronto, ON

Projects

- **Authoring App**: A piece of software developed in Java that helps educators create scenarios for visually impaired individuals using a Treasure Box Braille device.
- **VideoMaker**: Python script that creates a simple text-based videos with background images and uploads them to YouTube.
- **ZigZag by Kilam**: A replica of the original ZigZag mobile game, made for Android devices with Unity 3D. Available on Google Play Store.