AMRO GAZLAN

amro.guzlan@gmail.com
Phone: (514) 716-3075
Toronto, ON
GITHUB: GUZLAN

EDUCATION

MCGILL UNIVERSITY
B.ENG. COMPUTER ENGINEERING

SKILLS

PROGRAMMING LANGUAGES
Swift | **7 YRS**
Objective C | **5 YRS**
Java | **5 YRS**
Python | **2 YRS**
C | **2 YRS**

TOOLS & FRAMEWORKS
Xcode | Eclipse | Visual Studio Code | LLDB | UIKIT | RxSwift

COURSEWORK

GRADUATE
Applied Machine Learning

UNDERGRADUATE
Operating Systems | Parallel Computing | Computer Architecture | Software Engineering Architecture | Computer Networks |

OTHER

AWARDS
Y-Hack & Nvidia: Best Data Visualization Hack
HackerRank Pythonist2: Bronze
McGill CodeJam: Finalist

LANGUAGES
English (Fluent) | Arabic (Fluent) | French (Intermediate)

HACKATHONS
Y-Hack (WINNER) | MHacks | WearHacks | McHacks | Hack Princeton

SPORTS
Soccer | Basketball | Squash

EXPERIENCE

MICROSOFT (FULL TIME)	iOS SOFTWARE ENGINEER ‖
VANCOUVER, BC	**AUG 2021 - PRESENT**

- Serving Family Safety iOS client under Content Safety for inappropriate content and block/ unblock filtering of user applications and websites.
- Writing various Swift & Objective-C components: UI components, view models and client side network service layers.
- Responsible for implementing new features from inception to completion, performance optimizations (speed improvements in some components and user experience), as well as unit testing and debugging (XCTests) in an agile based team.
- Design choices & Technologies: MVVM, Swift, Xcode, CocoaPods, Azure Dev Ops

KONRAD GROUP (FULL TIME)	iOS SOFTWARE ENGINEER
TORONTO, ON	**OCT 2018 - JULY 2021**

- Served iOS team for one of North America's largest banks' iOS app (iPhone & iPad). AppStore rating of 4.6/5 (30k reviews).

ERICSSON	MACHINE LEARNING ENG INTERN
MONTREAL, QC	**MAY 2017 - SEPTEMBER 2017**

- Engineering supervised and unsupervised classification machine learning models for customer service request tickets, mainly focusing on RNNs and sequence to sequence models.

MCGILL UNIVERSITY	TEACHING ASSISTANT
MONTREAL, QC	**JAN 2017 - DEC 2017**

- TA for two classes at McGill University; Operating Systems, and Microprocessor Systems.
- Effectively lectured, conducted office hours and labs, marked assignments, midterms and finals to 150+ students .
- Topics include Virtualization, Synchronization, File Systems, ARM architecture, ISA, Embedded C.

SELECTED PROJECTS

BACKGROUNDVIDEO IOS	**Swift	Objective-C	UIKit	AVFoundation**
**github.com/Guzlan/BackgroundVideoiOS	500+ Stars	50+ Forks**	

Developed classes that adds a background video to iOS views. Similar to login screens of some famous apps like Spotify, tumblr and Vimeo.

WATCHES	**Swift	UIKit	AVFoundation	SpriteKit	SceneKit**
github.com/Guzlan/watches	

Created a Swift Playground that imagines what playgrounds can offer as a tool to develop custom Apple Watch faces through demoing custom faces. The idea is to have lightweight playground files map to custom watch faces.

PATHS	**Swift	AppKit	Foundation	CoreServices**
github.com/Guzlan/Paths	

Developed a mini finder tool that runs in Mac menu bar and lets you navigate your file system hierarchy, and drag & drop files to apps while in full screen. This eliminates the need to switch windows to see file system outside of your project.