

Hojat Ghasemi

Native Android App Developer – Graduate Researcher

Sudbury, Ontario, Canada
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<https://hojat72elect.github.io>

EDUCATION

Laurentian University, Canada — *M. Sc. Computational Sciences*

September 2020 – May 2022

SBUK, Iran — *B. Eng. Electrical Engineering*

September 2011 - January 2017

MOBILE APP DEVELOPMENT SKILLS

Languages: Java (proficient), Kotlin (fluent), Dart (prior experience), Flutter (prior experience)

Database technologies: SQLite, Android Room (prior Experience)

Networking: Retrofit (prior Experience)

Design Patterns: MVVM (fluent), MVP (prior Experience)

OTHER TECHNICAL SKILLS

Programming languages: Python (fluent), Matlab (prior Experience), C/C++ (prior Experience)

Web: JavaScript (prior Experience), HTML, CSS

Version Control Systems: Git, GitHub

Scientific writing: LaTeX

Languages

Persian— *Native*

English— *Professional*

Arabic— *Intermediate*

Russian— *Beginner*

Hobbies

Hiking, Reading English novels,
playing video games.

Favorite Programming Languages (in order of precedence)

Kotlin

Java

Python

Dart

C++

JavaScript

Latest Apps (complete portfolio available [here](#))

Notifyplus

An Android toolbox that changes user's way of interaction with device by providing shortcuts to favorite apps and a floating control center. (<https://github.com/hojat72elect/Notifyplus>)

Used: Git version control, Java (original iteration), Kotlin (second iteration), RemoteViews

Room Demo

A template Android app for implementing Android Room database

(<https://github.com/hojat72elect/MedicalAssistant>)

Used: MVVM architecture, Room, ViewModel, DataBinding, LiveData, Coroutines

Retrofit Demo

A template Android app for reading JSON file from RESTful web API and convert it into kotlin data class. (https://github.com/hojat72elect/Retrofit_Demo)

Used: Retrofit, GSON, LiveData, okhttp3 logging interceptor, Coroutines

THESIS

Fine-tuning a general transformer model on story-lines of IMDB movies database

The final paper is available [here](#)

CERTIFICATES

[Responsive Web Design \(FreeCodeCamp\)](#)

[JavaScript Algorithms and Data Structures \(FreeCodeCamp\)](#)

AWARDS

Graduate Fellowship

Spring 2021

Full Scholarship — *Tuition Waiver*

2011

PERSONALITY TYPE

INTJ, Nerd, Team Player, Ambitious, Minimalist, Perfectionist

REFERENCES

Dr. Kalpdrum Passi— *Associate Professor* (kpassi@cs.laurentian.ca)

Further references are available upon request.