

# Hojat Ghasemi

Mobile Software Developer

Status in Canada : Open Work Permit

Sudbury, Ontario, Canada

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<https://hojat72elect.github.io>

## PROFESSIONAL EXPERIENCE

### TradeRev — Android Developer

June 2022 – September 2022

Participated in maintenance and development of [TradeRev Android application](#); some of the main responsibilities: migrating to modern Android development paradigms (such as Jetpack Compose, ViewBinding, Coroutines, Paging 3), developing the dependency injection module of the app using Koin library.

### Esperlos — Android Engineer

July 2017 – March 2019

Participated in design and development of various Android apps as part of [Esperlos](#) mobile team. Some of the main responsibilities: Design, development, debugging, and maintenance of an E-commerce Android app, migration from Java to Kotlin, Adding RxJava Single API to data layer of the app.

## ACADEMIC EDUCATION

### Laurentian University — M. Sc. Computational Sciences

September 2020 – May 2022

### SBUK — B. Eng. Electrical Engineering

September 2011 - January 2017

## SOFTWARE DEVELOPMENT SKILLS

**Languages:** Kotlin (proficient), Java (proficient), Dart(fluent), JS/TS (intermediate), C#(intermediate), Python (intermediate), C (beginner)

**Database technologies:** Room (proficient), JDBC (fluent), SQLite (intermediate), PostgreSQL (intermediate), Firebase Firestore (intermediate), Realm (beginner)

**Networking:** Retrofit (proficient), Ktor(proficient), OkHttp (fluent)

**DI:** Koin (proficient), Hilt (fluent)

**Software architecture:** MVVM (proficient), MVP (proficient), Clean (fluent), MVC(proficient), MVI (intermediate)

**Testing:** Turbine(proficient), Truth(fluent), Junit (proficient), Espresso(intermediate)

**Mocking:** MockK (fluent), Mockito (fluent)

**Machine Learning:** ML-Kit (proficient), TensorFlow(beginner)

## Languages

Persian — *Native*

English — *Professional*

## Hobbies

Hiking, Reading English novels, playing video games, watching CG art reels.

## Favorite Programming Languages (in order of proficiency)

Kotlin

Java

Dart

JavaScript/TypeScript

C#

Python

C

**Version Control Systems:** Git(proficient), GitHub(proficient), GitLab(prior experience)

**DevOps:** Trello(proficient), Azure(intermediate), Jira(beginner)

**EXAMPLE PERSONAL PROJECTS** (complete portfolio available [here](#))

## 1- Game Hub

(<https://play.google.com/store/apps/details?id=ca.on.hojat.gamenews>)

A Compose-based native Android app for searching the latest news about video games.

Used: Jetpack compose, Hilt, Room, DataStore, Retrofit, WebView, Mockk, Turbine, Truth, Github CI.

## 2- ML-Kit Demo (<https://github.com/hojat72elect/MLKitDemo>)

A complete demo of lots of on-device Machine Learning techniques; available via ML-Kit library.

Used technologies: Face mesh detection, Text recognition, Pose detection, Selfie segmentation, Object detection, Barcode scanner, Image labeling, Face detection, Live camera translator, Digital ink recognition.

## 3- Smart Gallery (<https://github.com/hojat72elect/Smart-Gallery>)

A feature-rich offline android gallery supporting all the common graphical formats in addition to SVG and GIF files.

Used: MVVM + Clean architecture, Room, Reprint(for fingerprint authentication).

## CERTIFICATIONS

### 1- JavaScript Algorithms and Data Structures

(<https://www.freecodecamp.org/certification/hojat/javascript-algorithms-and-data-structures>)

An online comprehensive course including various famous computer science algorithms and data structures, implemented in JavaScript.

Included: HTML, CSS, JavaScript

### 2- Responsive Web Design

(<https://www.freecodecamp.org/certification/hojat/responsive-web-design>)

Various web design exercises of different contexts.

## THESIS

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

The final paper is available [here](#)

## AWARDS

### **Graduate Fellowship**

Spring 2021

### **Full Scholarship — Tuition Waiver**

2011

## PERSONALITY TYPE

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

## PROFESSIONAL REFERENCES

**Baris Emre Efe** — *Manager, Mobile Team at TradeRev*  
([baris.ef@traderev.com](mailto:baris.ef@traderev.com))

**Hermes Tovas Rojas** — *Lead, Android Team at TradeRev*  
([hermes.toviasrojas@traderev.com](mailto:hermes.toviasrojas@traderev.com))

**Yatin Sharma** — *Senior Android developer at TradeRev*  
([yatin.sharma1991@gmail.com](mailto:yatin.sharma1991@gmail.com))