# Hojat Ghasemi

Software Engineer

Sudbury, Ontario, Canada
hojat72elect@gmail.com
https://hojat72elect.github.io

## PROFESSIONAL EXPERIENCE

### KAR Global — *Android Developer (Internship)*

June 2022 – September 2022

Participated in maintenance and development of [TradeRev Android application](#); some of the main responsibilities: migration to modern Android development paradigms (such as Jetpack Compose, ViewBinding, Coroutines, etc.), working on various features, debug and test.

### Esperlos — *Android Engineer*

July 2017 – March 2019

Participated in design and development of various Android apps as part of [esperlos](#) mobile team.

## 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), Python (proficient), JS/TS (intermediate), C#(intermediate), C/C++(beginner)

Database technologies: Room (intermediate), SQlite (intermediate), Firebase Firestore (intermediate), Realm (beginner)

Networking: Retrofit (intermediate), OkHttp (prior experience)

DI: Koin (proficient), Hilt (intermediate)

Design Patterns: MVVM (proficient), MVP (proficient), MVI (intermediate)

Testing: Turbine(proficient), Truth(intermediate), Junit (proficient), Espresso(beginner)

Version Control Systems: Git(proficient), GitHub, GitLab

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

Web Frameworks: Django (beginner), Flask (beginner), FastAPI (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

Python

JavaScript

TypeScript

C

C++

C#

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

### 1- Game Hub
([https://play.google.com/store/apps/details?id=ca.on.hojat.gamenews](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, Mockk, Turbine, Truth, Github CI.

### 2- Smart Gallery ([https://github.com/hojat72elect/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](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](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

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

**REFERENCES**

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

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