Navid **All Gharaee**

Computer Science · Software Engineer

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Education

Ferdowsi University of Mashhad   *Mashhad, Iran*
Amoung the top ten universities of Iran
B.S. in Computer Engineering   *2018 - Present*
Ovarall GPA: 3.57/4 (17.16/20)

Fields of Interests

- **Human–computer interaction**
- **User Interfaces and User Experience**
- **Mobile Computing**
- **Software Engineering**
- **Design Patterns**
- **Object Oriented Analysis & Design**
- **Platform-based Development**
- **Databases & Information Systems**
- **Artificial Intelligence**

Projects

Compiler Design (Github page)   *Java, Antlr*
Academic Project   *2021*
- Designed a compiler for Cool language which analyzes the input syntax and recognizes errors like syntax mistypes, redefined variables and more.

Artificial Intelligence (Github page)   *Java*
Academic Project   *2020*
- Implemented the important algorithms such as BFS, DFS, A*, IDA*.
- Practiced constraint satisfaction problems by developing the nonogram game.
- Rehearsed the game topic by developing Tzaar game.

Advanced Programming (Github page)   *Java*
Academic Project   *2019*
- Implemented an Garage management Java application to practice the fundamental principles of object oriented programming.

My other academic projects are available in Github.

Work Experience

Radar Technology (Web Page)   *71 Sunrise Ave, Toronto, Canada*
Software Developer and Engineer   *May 2021 - Present*
- Developed a mobile application which enables users to track thier pet[s]. (More Info)
- Designed and analyzed the user interface and user experience.
- Provided new ideas about some usecases of the application.

Magic Flashcards Series (Online Store Page)   *(Entrepreneurship / Personal Industrial Project)*
Software Developer and Engineer   *Jun 2020 - Present*
- Developed educational mobile applications that allows children and teenagers to learn English in the pandemic era and trace their process.

Part Software Group (Linked-in Page)   *Mashhad, Iran*
Software Developer and Engineer (Internship)   *Feb. 2021 - Mar. 2021*
- Learned Swift's UIKit framework and developed a few mini-projects at the end of the course.

Salema Diet Plan Application (Online Store Page)   *Mashhad, Iran*
R&D, Software Developer and Engineer   *Jun 2019 - Sep 2019*
- Developed a mobile app regarding diet and health plans.
- Provided a comprehensive teamwork as a problem-solver and researcher about flutter.
- Undertook the R&D role of the whole team.

Skills

Programming	Java, C/C++, Dart, Swift, Python
Frameworks	Flutter, SwiftUI, UIKit
Web Development	Bootstrap, HTML5, CSS3, JavaScript, Flutter
Databases	SQLite
Git Hosts	GitHub, GitLab, Bitbucket
Typesetting	Latex, Pages, Office Word
Development Tools	Visual Studio Code, Xcode, Android Studio, InteliJ IDEA
General Tools	Apple iWork Apps(Pages, Numbers, Keynote), Microsoft Office Apps, Adobe Photoshop
Operating Systems	MacOS, Windows, Ubuntu
Languages	• Persian (Native) • English (Professional Working Proficiency - IELTS exam to be taken soon) • French (Limited Working Proficiency) • German (Elementary Proficiency), • Arabic (Elementary Proficiency)

Honors & Awards

2021	**Ranked,** top 10% students base on the GPA
2018	**Ranked,** top 2% students in the entrance exam
2020	**Ranked,** Best apps in children category at Myket online store

Certificates

English Teacher Training Course (TTC)

CERTIFICATE OF COMPLETION   *Jul. 2020*

Gained expertise in teaching English to the children, teenagers and adults.

C++

CERTIFICATE OF COMPLETION   *Jul. 2019*

Learned to write C++ programs.

ICDL

CERTIFICATE OF COMPLETION   *Jul. 2012*

Acquired the Knowledge of working with Office applications and windows.

Voluntary Work

EXPERIENCES

• Undertook voluntary work such as teaching, nursing and playing for disabled children.