

# Navid All Gharaee

COMPUTER SCIENCE · SOFTWARE ENGINEER

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## Education

### Ferdowsi University of Mashhad

Mashhad, Iran

Among the top ten universities of Iran

B.S. IN COMPUTER ENGINEERING

2018 - Present

Overall GPA: 3.57/4 (17.16/20)

## Fields of Interests

- Software Engineering
- User Interface and User Experience
- Mobile Computing
- Human-computer Interaction
- Augmented and Virtual Reality
- Internet of Things

## 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 (Linked-in Page)

Mashhad, Iran

SOFTWARE DEVELOPER AND ENGINEER

June 2021 - Present

- Developed a mobile application which enables users to track thier pet[s].
- Designed and analyzed the user interface and user experience.
- Provided new ideas about some usecases of the application.

### Radar Technology (Linked-in Page)

Mashhad, Iran

INTERNSHIP

May 2021 - June 2021

- Developed and designed a music player application with sufficient functionality. (GitHub Repository)

### Magic Flashcards Series (Online Store Page)

(Personal Industrial Project)

SOFTWARE DEVELOPER AND ENGINEER

Jun 2020 - Present

- Developed a set of educational mobile applications.
- Contributed the apps as free language learning assets for children.

### 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 by 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

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<b>Programming</b>	Java, C/C++, Dart, Swift, Python
<b>Frameworks</b>	Flutter, SwiftUI, UIKit
<b>Web Development</b>	Bootstrap, HTML5, CSS3, JavaScript, Flutter
<b>Databases</b>	SQLite
<b>Git Hosts</b>	GitHub, GitLab, Bitbucket
<b>Typesetting</b>	Latex, Pages, Office Word
<b>Development Tools</b>	Visual Studio Code, Xcode, Android Studio, IntelliJ IDEA
<b>General Tools</b>	Apple iWork Apps(Pages, Numbers, Keynote), Microsoft Office Apps, Adobe Photoshop, iMovie
<b>Operating Systems</b>	MacOS, Windows, Ubuntu
<b>Languages</b>	<ul style="list-style-type: none"><li>• Persian (Native)</li><li>• English (Professional Working Proficiency - IELTS exam to be taken soon)</li><li>• French (Limited Working Proficiency)</li><li>• German (Elementary Proficiency),</li><li>• Arabic (Elementary Proficiency)</li></ul>

## References

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### Saeid Abrishami

ASSISTANT PROFESSOR OF COMPUTER ENGINEERING, FERDOWSI UNIVERSITY OF MASHHAD, IRAN

Email: s-abrishami@um.ac.ir

### Mostafa Nouri-Baygi

ASSISTANT PROFESSOR, COMPUTER ENGINEERING DEPARTMENT, FERDOWSI UNIVERSITY OF MASHHAD, IRAN

Email: nouribaygi@um.ac.ir

### Haleh Amintoosi

ASSISTANT PROFESSOR, FERDOWSI UNIV. OF MASHHAD, VISITING FELLOW, UNIVERSITY OF NEW SOUTH WALES.

Email: amintoosi@um.ac.ir

## Teaching Experience

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### Principles of Compiler Design

BY DR. HALEH AMINTOOSI

TEACHING ASSISTANT

Fall 2021

### English for Specific Purpose

BY DR. ABEDIN VAHEDIAN MAZLOUM

TEACHING ASSISTANT

Spring 2019

## Honors & Awards

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- 2021 **Ranked**, top 15% 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

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### English Teacher Training Course (TTC)

CERTIFICATE OF COMPLETION

Jul. 2020

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