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

- **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 - March 2022*

- Developed a mobile appliprcation 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

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, iMovie
Operating Systems	MacOS, Windows, Ubuntu
Languages	• Persian (Native) • English (Professional Working Proficiency - **IELTS Bandscore: 7.5**) • French (Limited Working Proficiency) • German (Elementary Proficiency), • Arabic (Elementary Proficiency)

References

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

Principles of Compiler Design *Fall 2021*

BY DR. HALEH AMINTOOSI

TEACHING ASSISTANT

English for Specific Purpose *Spring 2019*

BY DR. ABEDIN VAHEDIAN MAZLOUM

TEACHING ASSISTANT

Honors & Awards

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

International English Language Testing System (IELTS)

CERTIFICATE OF COMPLETION *Feb. 2022*

• Listening: 8
• Reading: 8
• Writing: 7
• Speaking: 7
• **Bandscore: 7.5**

English Teacher Training Course (TTC)

CERTIFICATE OF COMPLETION *Jul. 2020*

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