

Navid All Gharaee

COMPUTER ENGINEERING · 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)

Among top 15% of students based on the GPA

Fields of Interests

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

Selected 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

Jul 2021 - Mar 2022

- Developed a mobile applirccation 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 [\[Linked-in Page\]](#)

71 Sunrise Ave Toronto Canada.

INTERNSHIP

May 2021 - Jul 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.
- Released all eight 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 [\[Web Page\]](#)

Mashhad, Iran

R&D, SOFTWARE DEVELOPER AND ENGINEER (INTERNSHIP)

May 2019 - May 2020

- 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
Collaboration Methods	Agile, Scrum
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, IntelliJ IDEA
General Tools	Apple iWork Apps(Pages, Numbers, Keynote), Microsoft Office Apps, Adobe Photoshop, iMovie
Operating Systems	MacOS, Windows, Ubuntu
Languages	<ul style="list-style-type: none">• Persian (Native)• English (Professional Working Proficiency - IELTS Bandscore: 7.5)• French (Limited Working Proficiency)• German (Elementary Proficiency),• Arabic (Elementary Proficiency)

References

Saeid Abrishami

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Mostafa Nouri-Baygi

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Haleh Amintoosi

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

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

- 2021 **Ranked**, top 15% of students based on the GPA
- 2020 **Ranked**, best apps in children category at Myket online store
- 2018 **Ranked**, top 2% students in the university entrance exam

Certificates

International English Language Testing System (IELTS)

CERTIFICATE OF COMPLETION

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

Feb. 2022

English Teacher Training Course (TTC)

CERTIFICATE OF COMPLETION

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

Jul. 2020