

Saeed All Gharaee

COMPUTER SCIENCE · SOFTWARE ENGINEER

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Education

Sadjad University of Technology

B.S. IN COMPUTER ENGINEERING

Current GPA: 3.64/4 (17.59/20)

Jalal Al Ahmad St, Mashhad, Iran

2018 - Present

Fields of Interests

- Mobile Development
- Human-computer interaction
- User Interfaces and User Experience
- Game Design
- Augmented Reality
- Software Engineering
- Software Engineering
- Object Oriented Programming
- Software Architecture
- Design Patterns
- Platform-based Development

Projects

Data Structures (Github Repository)

ACADEMIC PROJECT - TEACHING PURPOSES - VIRTUAL EDUCATION

- Developed binary search tree, linked list with iterators, array linked list and stack.
- tree traversals (postorder, inorder and preorder) in both recursive and non-recursive approaches.
- Integrated data structures. (e.g. tree with stack)
- Deployed and maintained the code for educational purposes as a teacher assistant in order to improve the quality of virtual education during pandemic.

C++ Programming Language

2020

Discrete Mathematics (Github Repository)

ACADEMIC PROJECT

- Developed a conclusion system by applying operator overloading to the rules.
- Developed a matrix calculation system for reflective, symmetric and transitive closures.

C++ Programming Language

2019

Advanced Programming

ACADEMIC PROJECT

- Developed a minesweeper game (Github Repository)
- Developed an generic social media project (similar to Instagram), featuring working with files, the ability to create public/private accounts with password encryption, publish posts, follow others, be followed, edit and logout. (Github Repository)

C++ Programming Language

2019

Work Experience

Radar technology (website)

SOFTWARE DEVELOPER AND ENGINEER

- Developed mobile application for iOS and Android. (Pet Tracker)
- Conducted a research about software architectures and design patterns while providing effective ways to improve the quality of code base.

71 Sunrise Ave, Toronto, Canada

May 2021 - Present

Magic Cards (More Info)

SOFTWARE DEVELOPER AND ENGINEER - RESEARCHER AND DEVELOPMENT

- Aimed to teach English to newbie students and children during COVID 19 pandemic.
- Developed a set of applications in order to enhance virtual education quality for teachers and pupils.

Personal Industrial Project

Jun 2020 - Present

Musico (More Info)

SOFTWARE DEVELOPER AND ENGINEER - RESEARCHER AND DEVELOPMENT

- Aimed to contribute to jailbreak open source community.
- Developed music player with extra access to directories compared to iOS music built-in app.

Open Source Project

Jan 2020 - Present

Part Software Group (More Info)

SOFTWARE DEVELOPER AND ENGINEER - RESEARCHER AND DEVELOPMENT

- Developed SwiftUI, Swift and UIKit skills.
- Gained Expertise in using Git source control tools.

Mashhad, Iran

Feb 2021 - Mar 2021

White Designer Studio (More Info)

SOFTWARE DEVELOPER AND ENGINEER - RESEARCHER AND DEVELOPMENT

- Gained expertise in team-working.
- Developed "Salema" diet app.

Mashhad, Iran

Jun 2019 - Sep 2019

Skills

Programming	C/C++, Swift, Dart, Python, Javascript, Java
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
General Tools	Apple iWork Apps(Pages, Numbers, Keynote), Microsoft Office Apps, Adobe Photoshop,
Operating Systems	MacOS, Windows, Ubuntu
Languages	<ul style="list-style-type: none">• Persian (Native)• English (Professional Working Proficiency - IELTS exam to be taken soon)• French (Limited Working Proficiency)• German (Elementary Proficiency),• Arabic (Elementary Proficiency)

Honors & Awards

2018	Ranked , top 2% students in national universities entrance exam.	Iran
2018	Ranked , top 5 students based on GPA.	Mashhad, Iran
2019	1st Place , Advanced Programming Project. (Instagram Project)	Mashhad, Iran
2019	Qualified , top 10 teams in Ferdowsi University of Mashhad programming contest (FCPC 2019).	Mashhad, Iran
2021	Qualified , Magic Cards 2 Ranked at top new apps of 2021 in Myket android store .	Iran
2021	Ranked , top 5% students based on GPA.	Mashhad, Iran

Certificates

Swift 4

CERTIFICATE OF COMPLETION

Dec. 2020

Gained certificate in Sololearn Website. [\(Certificate Link\)](#)

English Teacher Training Course (TTC)

CERTIFICATE OF COMPLETION

Jul. 2020

Absorbed abilities of teaching English as a foreign language to the children, teenagers and adults.

C++

CERTIFICATE OF COMPLETION

Jul. 2018

Participated in C++ workshop.

ICDL

CERTIFICATE OF COMPLETION

2012

Learned to work with Microsoft Office and windows.

Voluntary Work

EXPERIENCES

2014 - 2018

- Volunteered for teaching and nursing disabled children.
- Volunteered for organizing and preparing IT utilities in high-school.

References

- SAEED YAZDANIAN - ASSISTANT PROFESSOR, COMPUTER ENGINEERING DEPARTMENT SADJAD UNIVERSITY OF TECHNOLOGY.
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