

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

- Software Engineering
- Human-computer Interaction
- Interface and interaction design
- Mobile Computing
- Internet of Things

Projects

Nansie Sharpless (Github Repository) - (Arduino Project Hub)

ACADEMIC PROJECT - DIVERSITY AND INCLUSION - INTERNET OF THINGS

- A band equipped with Wemos ESP8266 and a vibration motor in order to inform the deaf user about the surroundings.
- Implementation of a new approach to communicate with deaf people.
- An iOS application connects to the band with the server generated by Wemos in order to send and receive data.

Arduino - Swift

2021-2022

Flutterduino (Github Repository) - (Arduino Project Hub)

ACADEMIC PROJECT - COMMUNICATION AND SOCIAL - INTERNET OF THINGS

- Using Flutter to build the client app.
- Arduino as the backend of the messenger.
- Wemos mini d1 lite, ESP8266 as the host.

Arduino - Swift

2021-2022

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

Teaching Experience

Internet of Things

TEACHING ASSISTANT - DR. BEHZAD BAKHTIARI

Spring 2022

Work Experience

Radar technology (website)

SOFTWARE DEVELOPER AND ENGINEER

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

Mashhad, Iran

Jun 2021 - Present

Radar technology (website)

INTERNSHIP

- Test Flutter features and abilities as a member in research and development team. (GitHub Repository)

Mashhad, Iran

May 2021 - Jun 2021

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 Band Score: 7)• French (Limited Working Proficiency)• German (Elementary Proficiency),• Arabic (Elementary Proficiency)

Honors & Awards

2018-2022 **Ranked**, top 5 students based on GPA.

Mashhad, Iran

2018 **Ranked**, top 2% students in national universities entrance exam.

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

Certificates

International English Language Testing System (IELTS)

CERTIFICATE OF COMPLETION

Feb. 2022

- Listening: 7.5
- Reading: 7
- Speaking: 6.5
- Writing: 6
- **Band Score: 7**

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.

References

- BOSHRA RAJAEI - ASSISTANT PROFESSOR, SADJAD UNIVERSITY OF TECHNOLOGY, MASHHAD, IRAN. RESEARCH FELLOW, CENTRE BORELLI, ENS PARIS-SACLAY, FRANCE. EMAIL: B.RAJAEI@SADJAD.AC.IR
- BEHZAD BAKHTIARY - ASSISTANT PROFESSOR, SADJAD UNIVERSITY OF TECHNOLOGY, MASHHAD, IRAN. EMAIL: BAKHTIARI@SADJAD.AC.IR
- JAVAD HAMIDZADEH - ASSOCIATE PROFESSOR, COMPUTER ENGINEERING DEPARTMENT SADJAD UNIVERSITY OF TECHNOLOGY. EMAIL: HAMIDZADEH92@GMAIL.COM
- SAEED YAZDANIAN - ASSISTANT PROFESSOR, COMPUTER ENGINEERING DEPARTMENT SADJAD UNIVERSITY OF TECHNOLOGY. EMAIL: SAEED.YAZDANIAN@GMAIL.COM
- MEHDI SALKHORDEH HAGHIGHI - ASSISTANT PROFESSOR, COMPUTER ENGINEERING DEPARTMENT SADJAD UNIVERSITY OF TECHNOLOGY. EMAIL: HAGHIGHI@SADJAD.AC.IR