Saeed **All Gharaee**

COMPUTER ENGINEERING · SOFTWARE ENGINEER

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Education

Sadjad University of Technology *Jalal Al Ahmad St, Mashhad,Iran*

B.S. IN COMPUTER ENGINEERING *2018 - Present*

Current GPA: 3.64/4 (17.59/20)

Among **top 5** of students based on the GPA

Fields of Interests

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

Selected Projects

Nansie Sharpless [Github Repository] - [Arduino Project Hub] *Arduino - Swift*

ACADEMIC PROJECT - DIVERSITY AND INCLUSION - INTERNET OF THINGS *2021-2022*

- 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.

Flutterduino [Github Repository] - [Arduino Project Hub] *Arduino - Swift*

ACADEMIC PROJECT - COMMUNICATION AND SOCIAL - INTERNET OF THINGS *2021-2022*

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

Advanced Programming *C++ Programming Language*

ACADEMIC PROJECT *2019*

- 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]

Teaching Experience

Internet of Things

TEACHING ASSISTANT - DR. BEHZAD BAKHTIARI *Spring 2022*

Work Experience

Radar technology [Website] [Linkedin] *71 Sunrise Ave Toronto Canada*

SOFTWARE DEVELOPER AND ENGINEER - UI & UX DESIGNER *Jul. 2021 - Mar. 2022*

- 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.

Radar technology (Website) [Linkedin] *71 Sunrise Ave Toronto Canada*

INTERNSHIP *May. 2021 - Jul. 2021*

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

Magic Cards [Myket] [Cafebazaar] *Personal Industrial Project*

SOFTWARE DEVELOPER AND ENGINEER - RESEARCH AND DEVELOPMENT - UI & UX DESIGNER *Jun 2020 - Present*

- 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.

Musico [More Info] *Open Source Project*

SOFTWARE DEVELOPER AND ENGINEER - RESEARCH AND DEVELOPMENT - UI & UX DESIGNER *Jan 2020 - Present*

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

Part Software Group [More Info] *Mashhad, Iran*

SOFTWARE DEVELOPER AND ENGINEER - RESEARCH AND DEVELOPMENT - UI & UX DESIGNER *Feb 2021 - Mar 2021*

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

Salema Diet Application [More Info]   *Mashhad, Iran*

SOFTWARE DEVELOPER AND ENGINEER - RESEARCH AND DEVELOPMENT - UI & UX DESIGNER - INTERNSHIP   *May 2019 - May 2020*

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

Skills

Programming	C/C++, Swift, Dart, Python, Javascript, Java
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
General Tools	Apple iWork Apps(Pages, Numbers, Keynote), Microsoft Office Apps, Adobe Photoshop,
Operating Systems	MacOS, Windows, Ubuntu
Languages	• 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*

2019-2022 **Scored**, in excess of 1000 points. [SOF Profile]   *Stackoverflow*

2021   **Qualified**, Magic Cards 2 Ranked at top new apps of 2021 in Myket Android store.   *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*

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

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.

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
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