Saeed **All Gharaee**

COMPUTER SCIENCE MASTER'S STUDENT · SOFTWARE ENGINEER

Wittekindstraße 38, 44139 Dortmund, Germany

☐ (+49) 160-121-2674 | 🏠 saeedallgray.github.io | 🅾 SaeedAllGray | 🔗 saeed-all-gharaee | Birthdate: 09.03.2000

Work Experience

Intern in Formula Student
Dortmund, Germany

GETracing Dortmund e. V. [WEBSITE]
April 2024 - Present

- Investigate human-machine interaction methods for formula student car from development and driver point of view
- Investigate new marketing ideas, and business model. Contact with sponsors for financial resources
- Work in driveless team with ROS Noetic and C++

Flutter Developer (iOS/Android/Web) Working Student
Dorsten, Germany

netTrek GmbH & Co. KG [WEBSITE]
August 2023 - January 2024

- Developed software-as-a-service (SaaS) solutions by white labeling and clean architecture with Flutter

Flutter and Swift Developer (iOS/Android) Working Student
Hamm, Germany

FKT42 GmbH [LINKEDIN]
December 2022 - July 2023

- Developed several apps for industries by applying test driven design in agile teams
- Communicate with clients, regarding technical topics to reach clear understanding of requirements

Full-time Flutter (iOS/Android) Developer
Australia (Remote)

Engenesis [WEBSITE]
July 2022 - August 2022

- Utilizing AppStore Connect and Google Play Console, collaborated with Zaman Tech to develop Engenesis Connect.

Full-time Flutter (iOS/Android) Developer, Internship
Tehran, Iran

Zaman Tech [WEBSITE]
July 2022 - August 2022

- Developed Engenesis Connect for iOS and Android. [Appstore] [Playsotre]

Software Engineer and Mobile Developer for iOS/Android - UI/UX Designer
Mashhad, Iran

Radar Technology [WEBSITE]
May 2021 - March 2022

- Implemented a tracking system for pets using Mapbox, BLoC architecture, and Firebase. [Pet Tracker]

Intern iOS App Developer - Swift Developer
Mashhad, Iran

Part Software Group [View]
February 2021 - March 2021

- Developed SwiftUI, Swift and UIKit skills.

Full-time Flutter Developer - UI & UX Designer
Start Up

Magic Flashcards Series [Online Store Page]
June 2020 - October 2022

- Enhanced English E-learning for children during COVID-19 by developing impactful mobile apps using HCI and HMI methods.

Swift Developer - UI & UX Designer - HCI & HMI
Personal Open Source Project

Musico - [Link to GitHub Repository]
January 2020

- Built a feature-rich music player with broader directory access and system integration
- AVFoundation, UIKit, and MVC architecture to support the open-source community
- Over +2000 downloads.

Full-time Flutter Developer - Research and development - UI & UX Designer
Mashhad, Iran

White Designers Co [View]
May 2019 - September 2019

- Research and Development for the newly released Flutter/ Dart framework by converting the Kotlin app to Flutter, pioneering in Iran.

Education

Master of Digital Transformation (M.Sc in Computer Science)
Dortmund, Germany

Fachhochschule Dortmund
2022 - Expected September 2025

- **GPA** (so far): 1.7
- **Selected courses:** Software Engineering Project, Digital Systems, Usability Engineering, Innovation Driven Software Engineering, Software-intensive Solutions, Software Architectures, Embedded Systems Lab (Scientific & Transversal Skills 1)

Bachelor's in Computer Engineering *Mashhad, Iran*

Sadjad University of Technology *2018 - 2022*

- **Overall GPA:** 1.7 (17.36/20) Ranked 5th, Based on GPA among 196 enrolled Bachelor's Students
- **Relevant courses:** Web programming, Internet of Things, Software Engineering, Programming of mobile systems, Algorithm design, Artificial Inteligence, Electrical and electronic circuits, Database design Data structures, Advanced programming

Research Projects

Research Project *Mashhhad - Iran*

Avicenna - [Link to GitHub Repository] *2022*

- Material design for user interface and usability engineering for feedback

The Bachelor's Thesis in Software Engineering - Proof of Concept (PoC) *Mashhhad - Iran*

Stamina - [Link to GitHub Repository] *2022*

- The flutter app of the Corrective Exercise (an AI algorithm) enabling users to fix their postures while doing exercise training
- Google Firebase is in charge of handling users and data as a backend server.

Embedded Systems, Internet of Things *Mashhad, Iran*

Nansie Sharpless [Github Repository] *2021-2022*

- Designing a new HMI approach by integrating an iOS app with ESP8266 and a vibration motor to inform the user about surrounding sounds
- Speech and SoundAnalisis Library,SwiftUI -MVVM architecture

Publications & Conferences

Conference: 12th IEEE International Conference on IDAACS: Technology and Applications *Dortmund, Germany*

Examining the Impact of Team Dynamics in Agile Project Management Success in Software Development: A Systematic Literature Review [Link to IEEE Xplore] *September 2023*

Honors & Awards

Jun 2021 **Ranked 5th,** Based on GPA among 196 enrolled Bachelor's Students

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

July 2019 **1st Place,** Advanced Programming and Object Oriented Programming (OOP) Contest [Instagram Project]

Jan 2019 **Qualified,** top 10 teams in Ferdowsi University of Mashhad programming contest (FCPC 2019)

Jun 2018 **Including 2%,** of the top in National University Mathematics and Physics Entrance Exam

Skills

Programming	Swift, Dart, C/C++, Python, Javascript, HTML, CSS, Java, C#
Frameworks & UI Design	Flutter, SwiftUI, UIKit, Figma, AdobeXD, Photoshop, Illustrator
Flutter Technologies	Local databases, Cubit, BLoC, Provider, Shared Preferences, Location APIs, Local file storage, Maps Technologies, Rest A
Swift Technologies	MVVM, MVC, Core Data, Unit testing, XCTest, Rest API, CocoaPods, AppStore Connect...
App Deployment	Appstore connect, Google Play console, Test Flight
Git Hosts	Git, GitHub, GitLab, Bitbucket and Jira Software
Typesetting	Latex, Pages, Microsoft (MS) Office
Development Tools	Visual Studio Code, Xcode, Android Studio
Operating Systems	MacOS, Windows, Ubuntu
Collaboration Methods	Scrum, Agile
Languages	English (C1), Deutsch (B1) - French (A2), Persian (Native),

Soft Skills

- Analytical Thinking, Presentation
- Openness, Problem-solving, Team player

Hobbies

- Cycling, Sports, Reading,
- Communication, Workout, Cooking

References

Nando Theessen

FKT42 GmbH

Email: info@fkt42.de

Bayram Ünlü

netTrek GmbH & Co. KG

Email: info@netTrek.de

Prof. Dr. Christian Reimann

Fachhochschule Dortmund

Email: christian.reimann@fh-dortmund.de