

Shamim Karimi

Curriculum Vitae

Education

- 2018–present **M.Sc. in Multimodal Interaction**, TECHNICAL UNIVERSITY OF BERLIN, EIT DIGITAL MASTER SCHOOL, Berlin, Germany.
- 2017–2018 **M.Sc. in Human-Computer Interaction and Design**, PARIS SUD UNIVERSITY, EIT DIGITAL MASTER SCHOOL, Paris, France, *GPA – 16/20*.
- 2017–2019 **Innovation & Entrepreneurship Minor**, EIT DIGITAL MASTER SCHOOL.
- 2012–2017 **B.Sc. in Computer Engineering, Software Major**, SHARIF UNIVERSITY OF TECHNOLOGY, Tehran, Iran, *GPA – 16.40/20*.

Test Scores

- 2016 **TOEFL iBT (Internet Based) : 104/120**.
Reading: 27/30, Listening: 28/30, Speaking: 24/30, Writing: 25/30.

Experience

Research

- 2016 - 2017 **Research Assistant**, AMBIENT INTELLIGENCE LABORATORY, Tehran, Iran.
Supervisor: Dr. A. A. Nazari Shirehjini.
Pervasive Game Design and Development, User Activity Tracking Methods and User Interaction with Smart Objects.

Employment

- 2019 **Android Developer**, ITONICS, Berlin, Germany.
- 2018 **User Experience Researcher**, CAFEBAZAAR CO, Tehran, Iran.
User Research Participant Recruitment Flow Design.
- 2014 - 2016 **Java Back-end and Android Developer**, RAHNEMA CO., Tehran, Iran.
Alefbazi App, Jomlak App, and Pakat App.

Notable Projects

Alchemy Game: Augmented Reality with Tangible Interaction game using Unity Vuforia framework - Mixed Reality course.

Marionette: A puppet controlled by an Android app using Arduino board, step motors and bluetooth module - Digital Fabrication course.

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OAuth 2.0 Security System: User Authorization and Authentication system with an Android client and a Java Spring server.

Sandoogh Application: Friends and Family Loans Management Android app using Firebase Database - Advanced Topics in Computer course.

Kaardaan System: Django project for matching employers and employees - Systems Analysis and Design course.

Information Retrieval System for ResearchGate Website: Information Retrieval system; using Java, Elasticsearch libraries and Django.

Real-time Strategic Tower Defence Game: Project for Advanced Programming course, implemented in Java.

Face Detection: Fundamental Programming course project, implemented in C.

Volunteer Work

2015 **Executive Staff**, JAVA CHALLENGE, Tehran, Iran.

2014 **Executive Staff**, 16TH ASIA REGIONAL ACM-ICPC CONTEST, Tehran, Iran.

2014 **Executive Staff**, JAVA CHALLENGE, Tehran, Iran.

A nationwide AI programming contest held by Computer Engineering department of Sharif University.

Skills

Design Techniques: User Study, User Interpret, Use Scenario, Brainstorming, Design Concept and Design Alternatives, Design Diagram and Storyboard, Design Walkthrough, Experiment Design

Programming Languages: Java, Android/AndroidWear, JavaScript

Web: Angular, React, HTML, CSS

Design Tools: Adobe Photoshop, Adobe XD, Blender

Other: Git, Unity, Andengine, R, Firebase, Spring MVC framework, Vuforia framework, Hibernate framework, Elasticsearch, Oracle DB, PostgreSQL

Languages

Persian: Mother tongue

English: Fluent

French: Basic