

# Curriculum vitae

## PERSONAL INFORMATION



### Selma Gharbi Ghebchagh

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## PERSONAL SUMMARY

Software Engineer studying the master program of RCSE (Research in Computer and System Engineering) in 6<sup>th</sup> semester at TU Ilmenau.

## WORK EXPERIENCE

01/2020

### Student Job

Bach Technology GmbH, Ilmenau (Germany)

- Algorithm and software development
- Support of website and API development
- Data management
- Assistance in maintenance and quality assurance of the MusicDNA radio monitoring system
- Assistance in data aggregation and radio channel management

04/2020–06/2020

### Master Internship

Bach Technology GmbH, Ilmenau (Germany)

- Music related metadata cleaning and unification, automated content evaluation and data relevance determination
- Development of script-based methods for content aggregation related to radio stations and audio streams

10/2019–04/2020

### Research Project

TU Ilmenau, Ilmenau (Germany)

- Implementing Java API to extract tables from snowflake schema Database

07/2015–09/2015

### Bachelor Internship

I-Tech Company, Urmia (Iran)

- Cooperating in software projects as software developer
- Upgrading systems both in software and hardware area

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## EDUCATION AND TRAINING

- From 10/2018      **Master of science in Research in Computer and System Engineering (RCSE)**  
Technical University Ilmenau, Ilmenau (Germany)  
6<sup>th</sup> semester
- 10/2012–10/2016      **Bachelor of science Software Engineering**  
Urmia University of Technology (UUT), Urmia (Iran)  
Thesis: Implementing a website for travel agency tour in Urmia

## SKILLS

- Python
- Java
- Frontend Development
- JavaScript
- ASP.Net
- CSS
- HTML
- C#

## Other Qualifications

- REST API
- MongoDB
- PostgreSQL
- Latex
- Backend Development
- Docker
- Arduino Microcontrollers
- Node.js
- Mongoose OS
- Bootstrap
- MVC in Coding
- MS Office
- Linux
- Windows

## LANGUAGES

- German: B1
- English: Very good ( IELTS 6.5)
- Persian: Native
- Turkish: Native

## INTERESTS

- Sports
- Podcasts
- Travelling
- Reading