Siavash Mohebbi

Personal Information

Gender: male
Nationality: Iran

Contact Information

Email Address: siavash.mohebbi@gmail.com

Education

2015 – 2020   **MSc. Computer Science,** Technische Universität Kaiserslautern.
Thesis: Monitoring of Past Time Distributed Temporal Logic for Compressed Traces, Under the Supervision of Prof. Rupak Majumdar and Prof. Georg Zetzsche;

2010 – 2014   **BSc. Software Engineering**, University of Zanjan, Iran.
Thesis: Designing a Fault-Tolerant File Register based on different ECC Algorithms and Implementing it on the FPGA Board, Under the Supervision of Dr. Ali Azarpeyvand;

2006 – 2009   **Diploma in Mathematics and Physics**, Shahid beheshti High School (**Affiliated with the National Organization for the Development of Exceptional Talents (NODET)**), Zanjan, Iran

Work Experience

Winter 2021 till now   **Front-End Web Developer :** I have successfully completed software developement projects, including Jamming (wbpage for searching and saveing the songs as a playlist in spotify account, by useing the Spotify's API)

Winter 2020 till now   **Gramont (SAP's golden partner):** Developer of object oriented ABAP programming Language. Customizing and enhancing (user exits and BADIs) SAP system's business application.

Winter 2019   **Internship at Max Plank SWS Institute:** Researched on the complexity of the first order logic's verification of compressed distributed systems and compressed words and designed/proved the corresponding algorithms.

Winter 2017   **Developer at Innocow (startup company- Kaiserslautern):** Developed python scripts to receive data from navigation tags and send them over the different networks. Accomplished the automatization of the location engine computer.

Winter 2016   **Internship at Visualisation Research Group:** Participated in development of a tool (by HTML and javascript) for classification of pictures into different sub-classes of components.

Skills

Programming Language:	**Good** in HTML, CSS
	Good in JavaScript
	Good in Python and C++
Framework, Tool and methodology	**Good** in React: JSX, components (stateful/ stateless), life cycle methods, function components and hooks, style, container/presentational componentsm propTypes, router, jest
	Familiar with Redux: API, react-redux package, Redux middleware and thunks,
	Familiar with TDD, Mocha, Spy
	Familiar with Git and Github
	Familiar with API and async JavaScript and HTTP Requests
	Familiar with Agile and Scrum
Algorithm and analysis	**Very good** in design of algorithms
	Very good in data structures and discrete mathematics

Social Activity

2016- 2019	**ESN Step,** member of international exchange Erasmus student network. Orgenized events to help new comer students get familiar with the city and the university.

Teaching Experiences

Summer 2017	**Graph Theory,** TU Kaiserslautern
Winter 2016	**Analyses of Complex Networks,** TU Kaiserslautern
Spring 2012	**Data Structures**, University of Zanjan, Iran.
Autumn 2012	**Design and Analysis of Algorithms and Data Structures**, University of Zanjan, Iran.
Autumn 2011	**Fundamentals of Computing and Programming**, University of Zanjan, Iran.
Spring 2011	**Discrete Mathematics**, University of Zanjan , Iran.