Zeyanb Shokoohi

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http://scholar.google.com/citations?user=QJLkPtMAAAAJ&hl=en&oi=ao

SUMMARY

A computer scientist with an expertise in Front end development and Artificial Intelligence. Good knowledge of Pattern Recognition, machine Learning, image processing and full-stack web development. Have experience of algorithm designing and programming and Web designing.

- A Result Oriented Professional with **10+** Years of work experience in Developing User Interface (UI) Rich Web Applications, and Web Service Applications
- IT experience which includes the experience in designing User Interface (UI) applications and professional web applications using **HTML, CSS, JAVASCRIPT, JQUERY, AJAX, Node JS, MONGODB, React JS, Redux JS , JSON and REST API'**s , developing Client/Server.
- Proficient in client-side scripting and **JavaScript** frameworks with **J-Query.**
- Proficient in **JavaScript** frameworks with **React JS**, **Redux JS**, middle ware like **Redux-thunk**, the DOM, and relevant concepts.
- Experience with **Firebug** for Mozilla**, Developer Toolbar** for Chromeand **IE Developer Toolbar for** Internet Explorer**.**
- Experience in messaging platforms like Slack.
- Expertise in using source code control systems such as **GIT**
- Familiar with **Grunt** task runner to manage project and **Bower** package manager to install libraries such as J-Query and Bootstrap.
- Collaborated with **UX** and design teams, translating complex design mock-ups into high quality, accessible, **W3C** standards-based code
- Created Mobile Web Applications with **Responsive Web Design**, through uses of **Twitter Bootstrap, J-Query Mobile** and **CSS3 Media Queries.**

TECHNICAL SKILLS

Web Technologies	HTML4/5, DHTML, CSS (2/3), Bootstrap, JavaScript, J-Query, React.js, Redux.js, Node.js, Ajax, JSON, REST API's.
Tools and IDEs	GITHUB, Terminal Visual Studio code, Microsoft Visual studio, Heroku, Microsoft office, Adobe Photoshop, Premier Pro
Version Control	GIT
Frond End Tools	CorelDraw, Dreamweaver CS5, Wire frame, Adobe Photoshop CC 2018
Operating System	Windows, Unix/Linux, MAC OS X

Programming languages	HTML5, CSS, JavaScript, jQuery, MATLAB, C/C#
Database	MONGODB, MY Sql, Mongoose, Firebase

EDUCATION
- **University of California, Berkeley** (2018): Coding Bootcamp - Full Stack.
- **M.Sc.** (2011-2013): Artificial Intelligence, Department of Electrical and computer Engineering.
- **B.Sc.** (2003-2008): Software Engineering, Computer Engineering Department, University of Ahvaz, Iran.

EXPERIENCE

Freelancer   **Jan2019-Present**

- **Responsibilities:** Responsive website development, app development, and maintenance using Bootstrap, HTML5, CSS3, jQuery, Javascript,React.js, Redux.js and REST API's.

SANSA   **Apr 17- Dec 2018**

- Responsive website development, app development, and maintenance using Bootstrap, HTML5, CSS3, jQuery, Javascript, and React.js, REST API's.
- Web page cleanup and standardization of pages to meet corporate branding and style guidelines.

Junior Visiting Scholar (2014-2017): University of Iceland. It was a series of search visit about Machine learning.

Researcher in Artificial Intelligence (2011-2014): Algorithm Designing in Pattern Recognition, Machine Learning, Image Processing.

Front-End Developer / Web Project Manager (2003-2011): ASEMAN RAH DIBA, Iran.

- Worked as freelance Front-End Developer, managed website projects, coordinated with team of Web Designers, UX/UI Designers, Graphic Designers, and Photographers to implement designs for websites and mobile applications.
- Worked with Adobe Products like Dreamweaver to build website
- As a Web producer photographer Graphic Designers using Photoshop for design UX/UI contents/business cards/retouch customers picture, using Premiere to Edit different kinds of videos, Creating website with Dreamweaver.

Research Interests
- Pattern Recognition
- Image Retrieval and Image processing
- Computer Vision and Machine learning
- Pattern Recognition and Machine Learning in bioinformatics

JOURNAL PUPLICATIONS

A.Mahdavi Hormat, K.Faez, **Z. Shokoohi**, M. Zaher Karimi ,"The new method of Extraction and Analysis of Non-linear Features for face recognition" **,** International Journal of Electrical and Computer Engineering(IJECE), Vol 2, No 6 , Pages 766-773 (2012)

CONFERENCE PRESENTATIONS

- **"Expression Recognition Using Directional Gradiant Local Pattern and Gradient-Based Ternary Texture Patterns"**, The 2th International Conference on Pattern Recognition and Image analysis, Rasht, Iran, 2015.
- **"Expression Recognition Using Directional Gradiant Local Pattern"**, The 8th Iran Data Mining Conference, Tehran, Iran, 2014.
- **"Facial Expression Recognition Based on Structural Changes in Facial Skin"**, The 4th joint conference of AI &Robotics and the 6th RoboCup Iran Open International Symposium, Qazvin, Iran,2014
- **"Fuzzy Modified Forward-Only Counter Propagation Network to Improve Image Compression"**, The 3th joint conference of Aerobatics and 5th the 5th RoboCup Iran Open International Symposium, Qazvin, Iran, 2013.
- **"Persian Handwritten Numeral Recognition Using Complex Neural Network and Non-linear Feature Extraction",** The Frist Iranian Conference on Pattern Recognition and Image Analysis, Birjand, Iran, 2013.
- **"Persian Handwritten Numeral Recognition Using Non-linear Feature Extraction",** The 6th Iran Data Mining, Tehran, Iran, 2012.

LANGUAGES

English, Persian

Supervisors
karim Faez: Professor of Amirkabir University Technology (Tehran Polytechnic University), 424 Hafez Ave, Tehran, Iran - *Email Address: kfaez@aut.ac.ir*

Mark Carlson: Senior Front-End Engineer/ Adjunct Instructor at UC Berkeley Coding Boot Camp
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