

Mohammad Rahbar

Personal Information:

Gender	Male	Email	rahbar.mhm@gmail.com
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Objective:

Experienced software developer, focused on developing and implementing interactive websites. Specialized in web application development and enhancement.

Professional Experience:

Front-End developer <i>JP Morgan Chase Co.</i>	10/2014 to present Columbus, OH
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- Applying **MVC** pattern and deploying **Single Page Application (SPA)** using **Angular JS** framework for various projects.
- Developing secure Idle Timeout feature and handling screen-touch **events** using **JavaScript**.
- Using **Haml** and **HTML5** to design new pages and views.
- **Unit Testing** using **Mocha**, **Sinon** and **Chai** frameworks.
- Developing applications in **MVC** environment using **JavaScript**.
- Creating automated build script system using **NPM Gulp** and **Ruby**.
- Parsing **JSON** response using **jQuery** and **Javascript**.
- Handling dependencies using **Asynchronous Module Definition (AMD)** using **Require Js**.
- Web Services handling using **Ajax** calls and setting up **Apache** webserver and **Jenkins** tools.
- Maintenance and troubleshooting.

Environment:

HTML/HTML5, Haml, CSS3, Less, JavaScript, jQuery, Ajax, JSON, Angular JS, NPM Gulp, Ruby, Require JS, Mocha JS, Sinon JS, Chai JS, Apache, Jenkins, GIT, SVN, SourceTree.

Education:

Master of Science: Electrical Engineering- Computer Architecture New Jersey Institute of Technology GPA 3.7	2013 Newark, NJ, US
Bachelor of Science: Electrical Engineering- Electronics University of Tabriz	2010 Tabriz, Iran
High school Diploma & Pre-university Certificate: Mathematics and Physics National Organization for Developing of Exceptional Talents (NODET)	2005 Hamedan, Iran

Technical Skills:

Programming Languages

<u>Skills</u>	<u>Experience</u>	<u>Total Years</u>	<u>Last Used</u>
JavaScript	Professional	3+	2015
JS Libraries and Frameworks (jQuery, Angular JS, Node JS, Gulp, Bootstrap, etc)	Professional	2	2015
HTML/CSS	Professional	3+	2015
Java	Experienced	2	2015
C/C++	Experienced	2	2013
Ruby	Intermediate	1	2015
Python	Intermediate	1	2015

Programming techniques

- Object Oriented Programming
- Applications Performance Boosting & Optimization
- Unit Testing
- Design patterns in JavaScript (Constructor Pattern, Module Pattern, AMD, ...)
- Architecture Patterns (MVC – MVVM)
- Automated Build Systems (Particularly for Web Applications Automated Build)

Honors and Awards:

Awarded NJIT master fellowship for three semesters at NEW JERSEY INSTITUTE OF TECHNOLOGY	2012-2013
Ranked Top 1% among more than 400,000 participants in Iranian Undergraduate Nationwide Entrance Exam	2005

Accomplishments:

Design and Implementation:

- Developed Secured Online Examination application with Admin/User access, using Java programming language
- Contributed to and delivered enterprise projects, including web applications, at JP Morgan Chase Co.
- Implemented image segmentation application on a vector processor shared with scalar multi-cores (XilinxMicroBlazes).
- Designed & simulated an RISC CPU using Quartus II developing tool on Altera FPGAs.
- Designed & implemented SMS based controller system using AVR Microcontroller
- Developed Closed-Loop house energy saving system via AVR Microcontroller, programmed in Assembly

Teaching:

- Tutored EE students at University of Tabriz in AVR Microcontrollers & Assembly programming

Related Passed Courses:

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| <ul style="list-style-type: none">• Advanced Computer Architecture• Computer Arithmetic Algorithm• Java Programming | <ul style="list-style-type: none">• Advanced Microprocessor Systems• Digital Image Processing• High Performance DSP Lab. |
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Affiliations:

IEEE Computer Society Member

** Extra information and References available upon request.*