

Zahra Ghaed

CONTACT

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OBJECTIVE Seeking a full time position in software engineering

EDUCATION **M.S. Computer Science, Virginia Tech**, Blacksburg, VA **Jan 2015-Feb 2017(expected)**

- Major: Software Engineering **GPA: 3.95/4.0**
- Advisor: **Stephen H. Edwards**, Research Project: **CodeReadingDojo**

B.S. Computer Engineering, University of Tehran, Iran **Sep 2010-Jun 2014**

- Major: Software Engineering GPA: 3.4/4.0

WORK **Software Developer Intern at Rackspace**, Blacksburg, VA **May 2016-Aug 2016**
EXPERIENCE

- Front-end developer at Reach team working on the customer facing Cloud Control Panel
- Worked with developing team on React/ES6/Redux code base
- Used testing tools such as Jasmine, Selenium, and Capybara
- Applied continuous deployment such as Jenkins

RELEVANT **Web Developer at TLOS**, Virginia Tech, Blacksburg, VA **Sep 2015-Present**
EXPERIENCE

- VITAL**, developing a web guide using Django framework for [vit]amins and miner[al]s on human body

RESEARCH **IDEAS Lab**, Virginia Tech, Blacksburg, VA **Jan 2015-Present**
EXPERIENCE

- CodeReadingDojo**, Develop and evaluate a new educationally-oriented web and Android game aimed at promoting code reading skills
- SOFIA**, Adding CRUD operations feature to The Simple Open Framework for Inventive Android applications framework

COMPUTER **Programming Languages**
SKILLS

- Proficient in Java, Python, JavaScript/HTML/CSS
- Experience in C, C++, Google Closure, Ruby, ML, Haskell, Prolog, Scheme

Frameworks and Tools

- Proficient in front end frameworks such as jQuery, React, Ember.js
- Experience in server side technologies such as MySQL, MariaDB, PHP, and Ruby on Rails
- Experience in testing tools such as Jasmine, Selenium, and Capybara

Project Management

- Proficient in Git, Jenkins

SELECTED

- Develop a full stack game using JavaScript/jQuery client side, PHP/Apache server side, MySQL database, and OpenStack cloud server **Fall 2016**
- Develop a parser and type checker using Prolog logical programming language **Spring 2016**
- Develop a web-based educational management using javaEE and MySQL database **Spring 2013**
- Design a pipelined MIPS processor with hazard detection, and data forwarding **Spring 2014**

HONORS AND

- NSF fellowship to attend Women Institute in Summer Enrichment (WISE)**, Team for Research in Ubiquitous Secure Technology, University of California, Berkeley, CA **Summer 2015**
- OpenStack essentials certificate from Rackspace, Blacksburg, VA **Fall 2016**
- University of Tehran Admission, limited to the top 1% of students who pass the Iranian nationwide university entrance exam **Fall 2010**