

Rasha Alghofaili

Web: <https://ralghofaili.github.io/>

Education:

MS in Computer Science, *California State Polytechnic University, Pomona, CA*, expected graduation March 2018.

MS Thesis, web security, a static and dynamical analysis of Content Management Systems (CMS) and addressing the possible web attacks and find ways to reduce the web application vulnerabilities in the CMSs.

Relevant coursework: Advanced Information Security, Information Retrieval, Computer Architecture, HCI and Software Validation and Verification.

BS in Software engineering, *Dar al Uloom University*, Saudi Arabia, GPA: 3.7/4.0, August 2013.

Awards: Second Class Honors, University Award for Academic Excellence.

Work Experience:

Web Developer, *Alzheimer Organization*, Riyadh, Saudi Arabia, October 2012 – February 2013

Volunteered as a part time to help in designing and implementing functions using HTML, CSS, JavaScript for the Alzheimer Organization website in Saudi Arabia.

Software engineering COOP, *Oracle Corporation*, Riyadh, Saudi Arabia, January 2012 – August 2012 Designed, and implemented games in Java for educational purposes, a Project between the Ministry of Education and Oracle in Saudi Arabia. In addition, learning and using Oracle database, and other Oracle software's.

Academic Projects:

Web security analysis: Analyzing web sites and trying to find the vulnerabilities using ZAP, Burp Suite and Vega Scanner.

Packet sniffing and firewall: Understanding the concepts by implementing a firewall then using packet sniffing threat, understanding security measures in networking.

Check & Streak: A web service to help users to stick to their goals and check them every day using a calendar interface.

Web Tracking and Countermeasures, the objective of this lab was to understand the working model of web tracking.

NLP-assisted form entry inside React Native: A HCI class project sponsored by CHRONALY INC where we developed a NPL library that will be available to apply to React Native open source community. I worked on the schemas using JavaScript in this project.

Skills:

Languages: Java, C#, C/C++, SQL, HTML, JavaScript, CSS, PHP.

Databases: MySql, Oracle, postgre SQL.

OS: Windows & Mac, Linux/Unix.

Creative Tools: Photoshop, Illustrator.

Security Tools: OWASP ZAP, Burp Suite, Vega Scanner, Wireshark, WebGoat, Charles Proxy application.

Extra-Curricular Activities:

President, Computer science club, Dar Al Uloom University, 2011-2013.

Vice president, Computer science club, Dar Al Uloom University, 2009-2010