

ABDULLAH MOHAMMED

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Employment

Application Security, Consultant 3 at Denim Group | May 2017 - Current

- Worked on enhancing Threadfix's HAM engine for different languages and frameworks. Improved parsing and mapping of static and dynamic attack surface endpoints; to insure ability to correctly correlate SAST and DAST findings and reduce false positives of scans imported.
- Worked with another developer on a 5+ month multi phase project that included complex integrations with external systems, Threadfix Community features and developing custom plugins for OWASP ZAP and Burp that optimized active tests and scans.
- Threadfix Enterprise; enhancing and adding features and integrations for a long list of application security scanners, issue trackers and CI/CD plugins (Jenkins). **Tech Stack:** Java Spring, Hibernate, MySQL, MS SQL, AngularJS 1.2

Chairman, Co-Founder at [Hexa Connection](#) (Non-profit NGO) | Oct 2013 - May 2016

- Built and grew Hexa Connection to become a pioneer for promoting technology education, development and community inclusivity in the challenging environment of northern Africa. Leading to recognition and strong partnerships within the local ICT industry, academic institutions and civil society organizations.
- Successfully sustained the organization's growth through effectively building and managing resources, projects and bringing in donors, contributors and volunteers into the organization's network.

Education

University of Tripoli in Tripoli, Libya | Fall 2010 - Fall 2015

- B.S.E. in Computer Engineering
- Undergraduate Coursework: Operating Systems; Data Structures & Algorithms ; Comp. Architecture; Software Engineering; Digital Signal Processing; Pattern Recognition

Technical Experience

Projects for fun

Architect - Product Manager, Averto

Social benefit side project. A real time crowd sourced app that helps people in dangerous countries avoid hotspots and ongoing conflict. Currently working on designing and implementing a credibility system to weight votes and data contributed; to filter and rate good vs malicious users and data.

Tech Stack: NodeJS, Sequelize, PostgreSQL/PostGIS, ReactJS, Redux, Android

Other: Swagger UI/SDK, AWS EC2/S3/RDS, Gitlab Pipelines CI/CD



Languages and Technologies

- Java, PHP, HTML, XML, CSS, Bootstrap
- Frameworks: Java Spring, Android
- Databases/DBMS/ORM: MySQL/MS SQL, Google NoSQL Datastore, Firebase NoSQL, Hibernate ORM
- Security Tools: Burp, Zap, IBM AppScan, WebInspect, Fiddler
- Other: REST APIs, Maven, ActiveMQ, Google App Engine, Task Queue API, Firebase, jUnit/Unit testing, Git