

Ahmed Al-Zubidy

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EDUCATION

- Doctor of Philosophy, Computer Science**, The University of Alabama 8/2017
- Focus: Software Engineering, Empirical Software Engineering, User Experience Research. GPA 3.7
- Bachelor of Science, Software Engineering**, Al-Ahliyya Amman University 2/2013
- Focus: Software Development, Testing, Databases. Graduated with first class honors and GPA of 3.7

PROFESSIONAL EXPERIENCE

- Software Engineer**, Itential 8/2017 – Present
- Developed applications using MEAN stack for large communication enterprises to manage and automate their networks.
 - Gathered requirements from customers and assisted in UAT sessions to validate those requirements.
 - Tested product's ReST APIs and built technical documentations for system developers.
 - Assist in the hiring process and mentor new hires at the company.
- Software Engineering Researcher (GRA)**, The University of Alabama 1/2014 – 8/2017
- Designed requirements documents throughout workshops, surveys, and interviews for multiple projects.
 - Implemented software backend, front end, and algorithms to automate systematic literature reviews.
 - Tested and evaluated tools and APIs that assist software engineers in systematic literature reviews.
 - Planned and led systematic mapping project to evaluate and categorize model transformations.
- Software Engineer (GTA)**, Critical Languages Center 8/2013 - 1/2014
- Developed software that automated tracking students' performance and attendance.
 - Designed and deployed the department official website to publish updates, news and announcements.
 - Maintained IT infrastructure and managed the migration to Google services that enhanced and increased the number of online classes.
- GSA Intern**, Google 9/2012 - 6/2013
- Promoted and taught Google services and Google developers APIs, increasing Google products usage.
 - Built partnerships between Google and Al-Ahliyya Amman University that provided technical and non-technical competitions and scholarship opportunities for students and staff.

SKILLS & SOFTWARE

- Java, JSP, Javascript, Servlet, .NET, Python, HTML, CSS, jQuery, Node.JS, Express, React, NPM
- MongoDB, CasandraDB, MySQL, MS SQL, Oracle, PL/SQL
- ReST, SOAP, Git, Jenkins, JUnit, Spring, Visual Studio, NVivo, Eucalyptus, Windows Azure

PROJECTS

- IJam – Wireless de-authentication attack tool.
- SSRT – Automating storage and management of research citations.
- CTS – Web application to assist a charity organization in tracking tickets and donations.
- RWS (Server) – Web server to host light weight ReSTful java applications.
- RWS (Converter) – Converting ARIS flow charts to executable java applications.

PUBLICATIONS

- "Identification of Requirements for Tool Support for SLR Search: A Survey Study" - EMSE – 2018 (Submitted).
- "Introducing IJam Wireless De-authentication Attack Tool" – ACM SE, 2017
- "Vision for SLR Tooling Infrastructure: Prioritizing Value-Added Features" - IST, 2017.
- "A (Updated) Review of Empiricism at the SIGCSE Technical Symposium." – SIGCSE ACM, 2016.
- "Identification of SLR tool needs—results of a community workshop." - IST, 2016.
- "Review of Systematic Literature Review Tools." - University of Alabama, 2014.
- "Proposed Design and Implementation for RESTful Web Server." - Journal of Software, 2014.