

Ahmed Al-Zubidy

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EDUCATION

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- 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

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- Software Engineer**, Intential 8/2017 – Present
- Designed and developed automation solutions using MEAN stack for communication enterprises to manage their networks.
 - Collected requirements and issues from customers and assisted in UAT sessions to validate those requirements.
 - Developed internal tools to assist developers in building and testing applications.
 - Deployed and configured high availability environment for various projects to enable replication and risk mitigation.
 - Tested product's ReST APIs and built technical documentations for system developers.
 - Assisted in the hiring process and helped with 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

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- Javascript (NodeJS, Angular), Python, Java, .NET
 - MongoDB, MySQL, SQLite, MSSQL, Oracle
 - MEAN, Git, CI/CD, Ansible, Mocha, Chai, Docker, ReST, SOAP, NVivo, AWS, Agile SDLC

PROJECTS

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- 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

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- "Identification of Requirements for Tool Support for SLR Search: A Survey Study" - EMSE – 2018.
 - "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.