Talab Hussein

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SUMMARY

Western educated software engineer with more than three years of work experience in companies and research institutes located in the United States. Specialized in data science and analytics, software development and algorithms, machine learning, software testing, and product quality assurance.

EDUCATION

Bachelor of Science in Software Engineering *August 2013 - December 2017*
Ira A. Fulton Schools of Engineering - Arizona State University, USA
Primary Focus: Data Science & Analytics
Secondary Focus: Information Security
- **Major GPA:** 3.46 / 4.00
- **Awards:** Dean's List for Spring 2016 & 2017

TECHNICAL SKILLS

Programming Skills: Java, C++, C#, JavaScript, Python, SQL, R
Software Tools: Tableau, Matlab, R Studio, Microsoft Excel, Power BI, Eclipse
Concepts: Machine Learning, Data Analytics, Data Visualization, Data Mining
Web Technologies: HTML5, CSS3, Node, React, Angular, JQuery, D3, Bootstrap
Languages: Arabic (Native), English (Fluent)

WORK EXPERIENCE

NextGen Aeronautics **Los Angeles, California, USA**
Software Engineer, R&D *May 2017 – July 2017*
- Built a cross-platform desktop application using C++ that runs on various platforms.
- Developed and designed the responsive graphical user interface (presentation layer).
- Collaborated with the mechanical and hardware engineers to update the product in real-time.
- Re-engineered the pre-existing code base and configured it to function on any Android device.

Sheikh Zayed Institute for Pediatric Surgical Innovation **Washington, D.C., USA**
Undergraduate Lab Assistant *January 2017 – May 2017*
- Imported, cleaned, analyzed, validated, and modeled patients data with the purpose of making conclusions from the data for decision-making purposes and revealing ways to improve the organization.
- Researched clinical trials and utilized pain reported outcome tools for pain management and reporting.
- Enhanced communication between clinicians and patients by building a mobile app to report pain outcomes.

University of Pennsylvania **Pennsylvania, USA**
Software Engineer Mentor *March 2017*
- Answered questions from any team participating in the hackathon and help guide them resolve technical issues.
- Assisted teams on a wide variety of tasks, from idea brainstorming to project release management.

Naffco **Dubai, UAE**
Software Engineer Intern *May 2016 – July 2016*
- Performed functional, regression, and integration testing on Oracle CRM system and reported bugs to the team.
- Developed test plans and test cases for the functional areas to be tested and documented the same.
- Executed the test cases and followed-up on defects with the development team in an agile environment.

ASU Technology Division **Arizona, USA**
Full-Stack Web Developer *October 2015 – March 2017*
- Maintained the pre-existing website and built new features based on the requirements.

- Developed technical skills rapidly by interacting with different teams and divisions.