Abdulmajeed Ibrahim Alameer, PhD
Assistant Professor and IT Consultant

abalameer@ksu.edu.sa

Professional Summary

An experienced leader in digital transformation with more than 10 years of experience in Higher Education and Information Technology (IT). Holding a PhD degree in Computer Science and an experience in Software Engineering, IT Project Management, and Artificial Intelligence. Demonstrated ability to align organizations' business need with IT services to aid in achieving organizations' strategic goals.

Education

Doctor of Philosophy in *Computer Science*.   **Aug 2014 – Aug 2019**
University of Southern California, Los Angeles, CA, USA
Research Area: Software Engineering
Dissertation: "Detection, Localization, and Repair of Internationalization Presentation Failures in Web Applications"

Master of Science in *Computer Science*.   **Jan 2012 – Dec 2013**
University of Southern California, Los Angeles, CA, USA

Bachelor of Science in *Computer Science.*   **Aug 2016– Jun 2020**
King Saud University, Riyadh, Saudi Arabia

Working Experience

Vice Dean for e-Services & Projects (Vice CIO) : King Saud University, Saudi Arabia   **Feb 2020 – present**
- Managing the IT Project Management Office (PMO)
- Overseeing the Web Portal and e-Services departments that are responsible for all the e-services that are provided to more than 26,000 employees and 60,000 students
- Implementing the IT Management best practices (ITIL) that align IT services with the needs of the business
- Member of the higher e-government committee that is responsible for making strategic IT decisions

Assistant Professor: King Saud University, Saudi Arabia   **Nov 2019 – present**
- Working in research related to Artificial Intelligence (AI) and machine learning applications
- Teaching Software Project Management, Computer Networks, and Computer Programming courses

Teaching and Research Assistant: University of Southern California, Los Angeles, CA   **Aug 2014 – Aug 2019**
- Working in research related to Software Engineering and Web Applications Testing
- Teaching Introduction to Programming Systems Design lab course

Software Tester: The Aerospace Corporation, Los Angeles, CA   **Aug 2013 – Dec 2013**
- Member of the development team of a software called Unified Code Count (UCC)
- UCC is a comprehensive software lines of code counter
- My role in the project was to test and report test cases for the complexity counters in UCC

Lecturer and Teaching Assistant: King Saud University, Saudi Arabia   **Sep 2010 – present**
- Teaching Software Engineering and Computer Programming courses.
- Preparing and grading lab assignments and exams
- Awarded a scholarship from the university to pursue my PhD (since August 2014)

Research Intern: King Abdulaziz City for Science and Tech, Saudi Arabia   **Jun 2009 - Aug 2009**
- Worked in a team-based project at Computer and Electronics Research Institute, which involved designing and implementing an Arabic search engine based on Apache Nutch and Apache Lucene

Awards & Honors

- **Distinguished Paper Award:** The IEEE International Conference on Software Testing, Verification, and Validation (ICST) for the paper "*Automated Repair of Internationalization Failures in Web Applications Using Style Similarity Clustering and Search-Based Techniques.*" (2018)
- **Distinguished Paper Award:** The ACM SIGSOFT International Symposium on Software Testing and Analysis (ISSTA) for the paper "*Automated Repair of Layout Cross Browser Issues using Search-Based Techniques.*" (2017)
- **NSF Student Travel Grant:** The International Conference on Software Maintenance and Evolution ICSME (2016)
- **Best Paper Award:** The IEEE International Conference on Software Testing, Verification, and Validation (ICST) for the paper "*Detecting and Localizing Internationalization Presentation Failures in Web Applications.*" (2016)
- **Silver Medal Award**: 10th Malaysia Tech Expo; Innovation entitled "*Brain Controlled E-mail Client.*" (2011)
- **1st Place**: KSU's 2nd Students Scientific Symposium for innovation. Innovation entitled "*Brain Controlled E-mail Client.*" (2011)
- **Second Class Honor:** from King Saud University with excellent grade. (2010)
- **3rd Best Graduation Project:** for the project "*Brain Controlled E-mail Client*" in a competition organized by Advanced Electronics Company, Riyadh. (2010)

Publications

An updated list of my publications is available in my Google Scholar page

Computer Skills

Languages: Java, C, Python, SQL, JavaScript, CSS, and HTML

Software and Frameworks: Debian-based Linux, Selenium, Apache Maven, Docker, Git, Subversion, Soot, Django, and others.

Services and Activities

- **Program Committee Member for** ECOOP and ISSTA Doctoral Symposium
  - Reviewed PhD students research ideas and provided detailed feedback

- **Co-founder of Saudi @ UCI Club at University of California, Irvine**
  - Organized cultural events aimed to introduce the Saudi culture to Americans
  - Helped new Saudi students to adjust their lives to the new American culture