



# Mohammed AlDossary

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## Personal Details:

· March 10, 1991 · Saudi · Single

Technically sophisticated, customer-centric, and highly motivated professional with Bachelor of Science in Computer Engineering. Capable of evaluating and engineering data processing problems to create and facilitate viable solutions related to complex applications problems, system-level issues, and technical risks. Knowledgeable in robotic process automation, software development, programming languages, and visualization tools.

## Technical Proficiencies

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**Languages:** Java, JavaScript, Python, HTML, C++, NI Multisim, x86 Assembly Programs  
**Tools** UiPath StudioX, CEMPRO+, Xilinx Platform Studio and the EDK Software  
**Hardware:** Raspberry Pi, Field Programmable Gate Arrays Board

## Education & Credentials

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**Bachelor of Science in Computer Engineering, 2018** | Florida International University, Miami, FL

Coursework: Engineering Drawing (AutoCAD), Programming I, Programming II, Data Structures, Logic Design, Telecom Network Analysis & Design, Control System, Senior Design, Embedded System Design, Computer Design

**Radiation Safety Officer Training Course, 2019** | Swiss International Hotel, Dammam, KSA

**Computer Network, 2021** | Tools & Solutions, Ministry of Communication & Information Technology

**Pega System Boot Camp, 2022** | National Information Technology Academy

## Professional Experience

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**LTI - Larsen & Toubro InfoTech, Dammam, KSA**

**2022 to Present**

**Junior Consultant on Pega Platform**

- Designing business applications using PEGA PRPC to develop highly performing and highly integrated
- PRPC Integrations (Inbound and Outbound Integration via Web Services, Middleware and other interfaces)
- Experience in various rules and features like Flows, Activities, User Interface, Flow Actions, Agents, SLA, Correspondence, Single-Sign-On, External Authentication, PRPC Security,
- Troubleshooting application problems, code errors, and bottlenecks

**NESR, Dammam, KSA**

**2019 to 2021**

**Field Engineer**

- Provide constructive input to manage all tasks as cementing and mud engineer.
- Improve understanding and knowledge regarding use of each chemical utilised in wellbore.
- Calculate quantity of slurry cement needed for well, while utilising wellbore geometry.
- Lead and guide team to achieve short- and medium-term goals in field
- Planned and created design of service by CEMPRO+ software and negotiating with Aramco client; communicated with Cement Service companies to obtain cement composition and chemicals.
- Led operations at rig sites with aim of conducting audit of contractor site mixing and pumping operations.

**CODE/ART MIAMI, Miami, FL**

**2018**

**Tech Expo Coordinator**

Volunteered in the university for a programming coding competition As Tech Expo Coordinator for one month.

- I was doing installation of computer software (JDK - Java development Kit) and Net Beans.
- Supporting users for troubleshooting and coding issues.

## Projects

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### **Senior Design Project:**

- Smart Mirror: Merged voice recognition and google assistant.

### **Embedded System Lab:**

- Planned and executed music MP3 player platform on FPGA.

### **System Lab:**

- Leveraged two DC motors, L293D motor driver, Arduino microcontroller, and ADXL345 accelerometer to develop Segway robot.