ALI **KIANIAN**

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- I'm a C++ developer, working with Qt cross platform.
- Gender: Male
- Married
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EXPERIENCE

JAN 2016 – PRESENT
SOFTWARE DEVELOPER – SCRUM MASTER

Developing user interfaces and applications for hardware control using defined protocols. Optimizing and translating Matlab codes to C++ in order to have high performance operations. Implementing classification algorithms in C++.

JUNE 2013 – MAY 2014
HARDWARE PROGRAMMER, QESHM VOLTAGE

Designing development boards based on ATMega128 and ARM LPC1768 to control 5DOF robots. Working on a vision robot to detect some particular shapes.

EDUCATION

2007 - 2012
ROBOTIC ENGINEERING, HAMEDAN UNIVERSITY OF TECHNOLOGY

Project: Designing a Cansat using ARM LPC2368 and a set of sensors (VGA – Humidity – Temperature – Gyro – GPS) and XBee as communication module.

2005
DIPLOMA, ALLAME AMINI HIGH SCHOOL

SKILLS

- C++
- ARM uVision
- Proteus
- Altium Design
- Qt Cross platform – Widget application

- Socket programming (TCP – UDP)
- Serial port
- Wireshark
- Database (PostgreSQL – MongoDB – SQL – MySQL)

- Qt – QML
- QCustomPlot
- MVC
- Multi thread application (PThread and concurrent)
- Thread-safe applications
- Modular programming
- Smart pointers
- Eigen library
- Alglib library