ALI **KIANIAN**

Tehran-Iran · +989354024978
ali.kianian1990@gmail.com

C++ developer, working with Qt cross platform.

PERSONAL INFORMATION

- Gender: Male
- Marital status: Married
- Date of birth: 07/25/1990
- Nationality: Iranian

CONTACT

- Mobile: +989354024978
- Email: ali.kianian1990@gmail.com
- Address: Tehran-Iran

.

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++.
Working with real time and offline graphs using QCustomplot.
Working on server/client based applications.
Building several exclusive static and shared libraries for company.

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

LANGUAGES AND PLATFORMS

- C++
- Qt Cross platform – Widget application
- Qt – QML
- Javascript

DATABASE

- PostgreSQL
- MongoDB
- SQL
- MySQL
- AccessDB

HARDWARE AND ELECTRONIC BASE APPLICATIONS

- ARM uVision
- AVR Code Vision
- Proteus
- Altium Designer

SOCKETS AND INTERFACES

- Socket programming (TCP – UDP)
- Serial port
- Wireshark

CODING SKILLS

- Multi thread application (PThread and concurrent)
- Thread-safe applications
- Modular programming
- MVC
- Smart pointers
- Regex

LIBRARIES

- Eigen library
- Alglib
- FFTW
- QCustomPlot
- Libmp3lame
- libxl