

# ALI KIANIAN

Tehran-Iran · +989354024978

[ali.kianian1990@gmail.com](mailto: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](mailto: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 BASED 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