

Amin Roosta

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Contact Info

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Projects

C++ Pricing Engine

C++ Developer at binary.com

- C++17, CMake, conan, boost, Catch2, FakeIt, nlohmann, docker, redis, asio, beast ...

C++ Developer (2018 - present)

C++ MT5 Expert Adviser

C++ programmer at binary.com

- Expert Adviser in Mql5 Language
- Chromium Embedded Framework (CEF)

Quantitative Analyst (2017 - 2018)

Charting Library

ReactJS Developer at binary.com

- React, MobxJs, Sass, Jest, Webpack, Babel, Travis ...

FrontEnd Developer (2017)

Full-screen Web Trading

Telecommute JavaScript Developer at binary.com

- Highcharts, jq UI, jq datatables, GruntJs, RequireJs ...
- Websockets, Promises, Technical Indicators and Overlays

Frontend Developer (2015 - 2016)

Zigbee Pro Stack network on *nxp jn516x chips*

C programmer at [DominateRFID](https://dominateRFID.com)

- 802.15.4 Protocol, Zigbee Pro Stack API(physics, mac & application)
- Chip Peripherals of *jn516x* (USART, I2C, WAKE TIMER ...)
- Humidity-Temperature & Accelerometer Sensors

Embedded Programmer (2014 – 2015)

Computer Vision (Intersection Monitoring System)

C# Developer at [Shiraz Municipality](https://shiraz.municipality.ir)

- LPR & OCR, Camera APIs, MS SqlServer

Backend Developer (2013 – 2014)

Computer Vision (Vehicle Model Recognition)

Developer at Shiraz University CVPR Lab

- OpenCV, SVM & Neural Networks
- C++11 multithreading, Windows Async IO, C++CLI
- Python Interface via Boost.Python
- 100,000 Images, 50 Categories, 94% Accuracy

Python & C++ Developer (2012 – 2014)

C++ Wrapper Over Sqlite

C++14 wrapper over sqlite C based API, using meta-programming techniques

C++ Developepr (2014)

SKILLS

- **Programming Skills:**
C++(1y), JavaScript(Typescript),Python, C#, Java, OpenGL ES, Php, MATLAB, MQL5.
- **Frameworks and Libraries:**
KnockoutJS, AngularJS, BabylonJS, HighCharts, boost, Qt, Cpp Rest Sdk, Android OpenGL, OpenCV, WPF, EntityFramework, Asp.net MVC, SignalR, Dapper/Petapoco, Laravel.
- *References are available upon request.*