Amin Roosta

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EDUCATION

B.Sc. In Computer Science and Engineering Shiraz University, Shiraz, Iran *2010 – 2015*
Diploma In Physics and Mathematics Mofatteh High school, Jahrom, Iran *2006 – 2010*

Projects

Charting Library   *FrontEnd Developer (2017 - present)*
ReactJS Developer at binary.com

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

Full-screen Web Trading   *Frontend Developer (2015 - 2016)*
Telecommute JavaScript Developer at binary.com

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

Zigbee Pro Stack network on $nxp\ jn516x$ chips   *Embeded Programmer (2014 – 2015)*
C programmer at DominateRFID

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

Computer Vision (Intersection Monitoring System)   *Backend Developer (2013 – 2014)*
C# Developer at Shiraz Municipality

- LPR & OCR, Camera APIs, MS SqlServer

Computer Vision (Vehicle Model Recognition)   *Python & C++ Developer (2012 – 2014)*
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

C++ Wrapper Over Sqlite   *C++ Develoepr (2014)*
C++14 wrapper over sqlite C based API, using meta-programming techniques

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.*