

Amir Mohammad Farahi

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Personal Information

Language: English (Fluent), Persian (Native)

Gender: Male

Birth Date: 8 May 1991

Nationality: Iranian

Educations

M. Sc. Electronic Electric Engineering Student, Qazvin Azad University, Qazvin, Iran.

B.Sc. Electronic Electric Engineering Qazvin Azad University, Qazvin, Iran, 2014.

Research Interests

Designing custom integrated circuits.

Embedded Systems.

Android and Windows programming.

Smartphone fabrication.

Internet of Things.

Blockchain.

UI designing.

Graphic designing.

Self-Reading.

Accomplished Projects

- Intelligent HVAC Android OS based system in conservation of natural resources application.
- International request for quotation (RFQ) on SAE, ISO, UL and UN standards.
- Prepare Business Plan for an industrial startup.
- Optimization of power consumption for electro motors based systems.
- Design MPPT (Maximum Power Point Tracking) in solar energy system.
- Writing International request for quotation (RFQ) based on SAE, ISO, UL and UN standards.
- Design OS based Building Management Systems (BMS) and IOT systems.
- Logic gate based circuit layout design.
- GUI (Graphic User Interface) design an application of Automotive.
- Reverse Engineering in automotive communication (ISO11898).
- Traction motor driver configuration software on windows platform.
- Traction motor driver power and control circuits based on ARM processor.

Teaching Experience

- AVR microcontroller learning class in Asre sanaat private company.
- Learning support assistant of electronic for bachelor students.

Computer Skills

- **Languages**

C, C++, java, C# , Linux terminal

- **General Software**

CorelDraw, Microsoft Office, Adobe illustrator.

- **Engineering software**

Android Studio.

Visual Studio.

Microcontroller IDE C/C++ based compiler.

Altium Designer.

Cadence Virtuoso (basic).

SolidWorks (basic).

ModelSim (basic).