

Hadi Robati

Expert Hardware/Software developer

Email: hadi_robati@yahoo.com

Born: 14 Nov 1985, Tehran

Address: Sentul East, 51100 Kuala Lumpur

LinkedIn: www.linkedin.com/in/hadirobati/

Mobile: +60 11 6083 2688

Language: English and Persian



Summary

- About 14 years of experience in:
 - C/C++/C# programming
 - Micro-controller based systems
 - Board Level Design (Schematic and PCB)
 - Embedded Systems and Windows applications
 - Familiar with industrial 3D design and Solidworks 3D
- About 2 years of experience in:
 - Web application development
 - ASP.NET MVC
 - Angular 4
 - Entity framework
 - Microsoft SQL server

Software Experience

- IAR embedded workbench for STM8 and ARM
- STM32, AT91, LPC, AVR, STM8
- Altium Designer and Circuit Maker
- Eclipse IDE
- Microsoft Visual Studio
- Visual Studio Code
- SolidWorks 3D
- Git and SVN
- Microsoft Office, Excel
- Microsoft SQL server

Work Experience

Job Title	Job Description
R&D Manager and Senior Developer Negarin Sanat Asia (2011-2018)	<u>Responsibilities include:</u> <ul style="list-style-type: none">• To lead and manage a small team of 8• Determines operational feasibility by evaluating analysis, problem definition, requirements, and solution development.• Ability to understand large complex systems to enable effective problem analysis and leading a team in developing a solution.• Active involvement in cross-team meetings focused on release and solution planning• Problem Solving• 3D Industrial design and manage for mold manufacturing• C/C++/C# Programming

	<ul style="list-style-type: none"> • High real-time, fast response, reliable and efficient coding style. • Design and develop test systems to improve reliability. • Embedded System Design based on 8 and 32bit microcontrollers • Administrate between teams of mechanics, hardware and software • Board Level Design (Schematic and PCB) • Database design • Server-side developing using ASP.NET MVC and C# • Low level understanding of data and systems
C++/C# Developer Pardazesh Manteqi Pars (2014-2016 Part-time)	<ul style="list-style-type: none"> • GUI/UX developing • Windows form application developing with C# • MS SQL Database • Developing industrial game systems and finding the best solutions for improving the quality and reliability. • Image Processing using OpenCV
C++ Developer Sourena Game Studio (2009-2011)	<ul style="list-style-type: none"> • Research and development in order to find best solution for developing systems. • C++ programming for developing KGE game engine • Implement NVidia PhysX feature into KGE • Developing “Siavash The Game” • 3D Modeling and design • Focus on physical model’s behavior in the game. • Problem solving • AI
Embedded Systems Developer Farda Afarin Roshan (2005-2009)	<ul style="list-style-type: none"> • Embedded system design base on AVR and ARM (AT91, STM8 and STM32) microcontrollers • Board Level Design (Schematic and PCB) • Writing real-time, efficient and reliable code for elevator systems. • GUI

Volunteer Activity

- Software member of Middle size robot at Mechatronic Research Laboratory (MRL) at Qazvin Azad University (2014)
- Writing a free online book: “How to C programming for AT91 micro-controllers”
- Participating in some open source projects

Hobbies and Interest

- Reading, writing, playing Piano, open-source projects.

For more information, please have a look at my LinkedIn profile:

- <http://www.linkedin.com/in/hadirobati>

References

Available upon request.