

Sami Nofal

Email: SamiNofal.Live@Gmail.com

Skype: SamiNofal.Live

Mobile: +447526164063

GitHub: SamiKNofal

LinkedIn: Sami Nofal

Website:

<https://samiknofal.github.io/PersonalSite/RawHTML/index.html>

Personal

Interested in solving real-world problems, I have put my dedication to become an engineer and be capable to use my knowledge and skills gained to apply them where necessary. Four years' experience in software programming and development with excellent IT skills. Creative problem-solver and team player honed through working collaboratively with stakeholders across various departments. Seeking an opportunity to work in the field of electronics and electrical engineering.

Education

Sep, 2020 –
Present

M.SC. ELECTRICAL & ELECTRONICS ENGINEERING
University of Greenwich – London, United Kingdom

Sep, 2013 –
Dec, 2018

B.SC. ELECTRICAL ENGINEERING
University of Jordan – Amman, Jordan

Professional Experience

Jan, 2020 –
Sep, 2020

Self-employed – London, United Kingdom
Freelance Web Developer

- Providing an experienced full stack freelance web developer with a track record of producing excellent results for 4+ years.
- Increasing user experience satisfaction from a website redesign for a co-working space. Excellent communication and collaboration skills.

May, 2019 –
Oct, 2019

Al-Hoshan Group – Riyadh, Saudi Arabia
Pre-sales Network Engineer

- Providing network access point RF coverage design solution.
- Develop work breakdown structures (WBS) and system bill of materials (BOM) for proposed solutions.
- Provide accurate and timely management information, to include activity reports and bid reviews.

Jan, 2014 –
May, 2018

Oriented Software – Amman, Jordan
Part-Time Software Developer

- Being able to analyze users' needs to design, test, and develop software to meet their demands.
- Software programming using object-oriented design.
- Ability to provide solutions to problems through logical thinking.
- Good written and verbal communication skills.
- Programming experience in C#, SQL, C/C++, HTML, CSS, JavaScript, jQuery, JSON, AJAX, XML, XSLT, XPath, XQuery, Python, Java, and Assembly for embedded systems.
- Technologies and frameworks experience in ASP.NET framework and SharePoint designer.
- Software experience in Microsoft Visual Studio, MatLab & Simulink, Microsoft Office, Microsoft SQL, Android Studio and AutoCAD.

Projects & Achievements

Cisco Certification

- 700-651: Cisco Collaboration Architecture Sales Essentials.
- 700-150: Introduction to Cisco Sales.
- 700-265: Cisco Advanced Security Architecture for Account Managers.

B.Sc. Senior Graduation Project

Development of search and rescue quadcopter system with a custom design Android companion application. Programming languages used are C and Java.

Project details:

- X-formation 6 degrees-of-freedom system.
- System stability process achieved through discrete PID controller in combination with sensor fusion technique.
- Onboard 32-bit dual core microcontroller using RISC architecture.
- 5 channels real time sensor data with data logging through mobile application, GPS tracking system, and Bluetooth connection.
- Two way flight control channel via long-range RF controller or Bluetooth mobile application as backup.

Skills

- Communication Skills
- Complex Logical Problem Solving
- Software Programming
- Control Systems
- Circuit Development
- Numerical Skills

Languages

