

Sami Emad

Software Developer

Designed and Developed Software with various technologies and for various platforms, I am ambitious engineer looking to make the next big thing!



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Latakia, Syria

https://samiemad.me

www.github.com/samiemad

Work Experience

Teacher and Programming Competitions Coach Syrian Virtual University (SVU)

11/2015 - Present

Tasks/Achievements

- Introduce students to programming competitions (ACM ICPC)
- Teach programming languages, algorithms, data structures, and problem solving skills for beginner, intermediate, and advanced students.
- Responsible for coaching, team selection, and preparing teams for contests

Software Engineer & Application Developer Freelance

03/2014 - Present

Freelance projects for local personnel, organizations and companies.

Tasks/Achievements

- Developed Android, .NET, Web applications and Web APIs with various technologies including: C++, Java, C#, ASP.NET, PHP, MySQL, SQL Server, git.

Teacher and Content Creator Techno Home Academy

06/2013 - Present

Latakia, Syria

A local academy that offers professional courses in many fields including: CS and Engineering.

Tasks/Achievements

- C++, Java, Android Teacher & Content Creator (Beginner, Int., Advanced).
- Algorithms & DS Course Content Creator and Teacher. (Beginner - Advanced)

Mobile and Web Application Developer SCIT Co.

06/2015 - 04/2016

Tartus, Syria

A startup Tech. Company in Syria.

Tasks/Achievements

- Developed android apps and web APIs for a wide range of customers.
- Worked with development and research dept. on AI projects.

Education

MSc in Teleinformatics Tishreen University

10/2014 - Present

Latakia, Syria

Courses

- Telecommunication system design
- Advanced Web technologies.

BS. in Computer Engineering and Automatic Control Tishreen University

10/2009 - 07/2014

Latakia, Syria

Courses

- Top 3rd graduate
- Average %83.70

Online Courses

Udacity, Corsera, MIT-OCW and others

10/2009 - Present

Courses

- Developing Android Apps (Udacity)
- Machine Learning (Stanford University on Coursera)
- Deep Learning (Udacity)
- Introduction to Algorithms (MIT)

Skills & Competences

C++

Android

Data Structures and Algorithms

Artificial Intelligence

Problem Solving Skills

Systems Analysis & Design

Web Development

Good Communication Skills

Excellent Teaching Skills

Projects

Self-Balancing robot

- Designed a two-wheels self-balancing robot using AVR micro controller. & implemented optimal control algorithm.

BeLight

- Designed and Implemented a local electronic payment app, using the camera and bluetooth in an android smartphone.

Smile Designer

- Windows application to help dentists make better decisions in giving the patient a "beautiful" smile.taking in consideration local beauty standards

Achievements

ACM ICPC World Finalist (2015-2016)

Participated in the International Collegiate Programming contest two years in a row. Namely the 2015 ICPC WF in Morocco, and the ICPC WF in Thailand.

ACM ICPC Coach, Problem setter, Judge and Volunteer

Took many roles in local and regional ACM ICPC contests, and conducted many training camps for other local universities.

Candidate Master on Codeforces

Top 10% rating, Also contributed with some contests to the training gym. (Codeforces is a competitive programming website)

Languages

Arabic



English



German



French



Interests

Cutting Edge Technologies | AI | Algorithms |
Data Science and Statistics | Mathematics | Physics