

Ahmadreza Pourghodrat

Kashan, Isfahan, Iran

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SKILLS

Technical Strengths

- C/C++, Python, MATLAB (basics), C#, JavaScript
- Embedded Programming, Micro-Controller Programming, Raspberry Pi
- Computer Vision and AI (basics)
- AVR, OpenCV, Qt, Tkinter
- Linux, Raspbian, version controlling tools (Git)
- Software development methodologies (Agile, Scrum) knowledge
- Web development skills including
 - o HTML, CSS, Bootstrap, JavaScript, jQuery, Ajax, React.js
 - o Django, ASP.Net Core, PHP, SQL Server

Quick learning - Teamworking – Team leading - Teaching

WORK EXPERIENCES

Novin System Co. (www.novin-system.com)

Scrum Master & Web Developer, May 2021 – present

- Bringing the knowledge of Agile methodology and implementing it as a Scrum Master
- Full-stack developer of Learning Management System projects
- Exclusive development of BigBlueButton – an open-source online teaching platform
- Implementing a game method to enhance teacher-student interactions in online classes

Aria Sanjesh Asia Co. (www.ariasaco.com)

C/C++ Developer, Mar. 2020 – Aug. 2020

- Participating in part of an embedded system development to program a weighing motion system, sold in large numbers in Iran

Freelancer

Full Stack Web Developer, Feb. 2019 – Feb. 2021

- Develop a software for Calibration Labs that automates every process needed in calibrating equipment and references

Aria Sanjesh Asia Co. (www.ariasaco.com)

Python Developer, Jan. 2018 – Jan. 2019 (part-time)

- Develop a weighing motion system with Python on Raspberry Pi, connected to a load cell and a set of boards, sold in large numbers in Iran

Sana Nahad Data Processing Co.

Web backend developer, Sept. 2016– Sept. 2017 (part-time)

- Develop a comprehensive website for Iran tourists with Python Django Framework

EDUCATION

B.Sc. in Software Engineering, 2014 - 2018

Isfahan university of technology, Isfahan, Iran

THESES: Linked Data in Biology: Refining some patients' health records (documents of Excel) gathered from a local hospital and converting them into RDF data format as to be usable in a new Linked Data structure, Under Supervision of Dr. Nasser Ghadiri

TEACHING EXPERIENCES

Teaching Assistant, Spring 2016, Fall & Spring 2017

Fundamentals of C/C++ Programming Lab, Dr. Ali Sharifi Pour,
School of Computer Engineering, Isfahan University of Technology

Python Course Instructor, Fall 2016 – Spring 2017

Fundamentals of Python course, at Students' Scientific Association,
School of Mathematics, Isfahan University of Technology

HONORS & AWARDS

- Ranked within the top 0.5% in the Iranian National University Entrance Exam (Konkoor) for B.Sc. studies in Engineering & Basic Sciences in 2014 (number of the exam takers: 222,507)
- Ranked within the top 0.5% in the Iranian National University Entrance Exam (Konkoor) for B.Sc. studies in English Literature in 2014
- Winner of Youth Robotics Championship (2010, Kashan) and certified for National Youth Robotics Championship, Tehran
- Ranked first in Persian Literature Olympiad in Kashan, 2010