Ahmadreza Pourghodrat

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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 EXPRIENCES

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

WORK EXPRIENCES

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

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

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)
AVR Developer, Mar. 2020 – Aug. 2020
- Participating in part of a weighing motion system development on a micro-controller

Novin System Co. (www.novin-system.com)
Web Developer, May 2021 – present
- Exclusive customization and development of BigBlueButton – an open-source online teaching platform
- Backend developer of other School Management System projects

HONORS & AWARDS

- Ranked within the top 1% in the Iranian National University Entrance Exam for B.Sc. studies in 2014
- Winner of Youth Robotics Championship (soccer robots) in 2010 at Kashan and certified for National Youth Robotics Championship, Tehran

SKILLS

Technical Strengths

- C/C++, Python, MATLAB (basic), C#, JavaScript
- Qt, Tkinter and Micro-Controller Programming (basic),
- Linux, Raspbian, version controlling tools (GitHub, GitLab)
- 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

Teaching – Teamworking – Team leading – Quick learning