Aysan Jarvand

MSc. ICT for Smart Societies

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Summary

- Good Experience in Object Oriented Concepts with Python.
- Worked on several Python packages like numpy, scipy, pytables etc.
- Good Experience in developing GUIs using Python and Java.
- Master in Web Application Development using html, JavaScript, React.
- Experience with Version Control, ideally SVN, CVS and GIT.
- Eager to get involved with challenges to improve both personal and professional aspects.

Education

MSc. ICT for Smart Societies   2017- 2020
Politecnico di Torino, Italy

Master thesis: discrete event simulation of battery swap system for heavy duty electric trucks

BSc. Electronics engineering   2007- 2011
Azad university of Tabriz, Iran

Final project: Zigbee Based Room Temperature Controller Project

Skills

- Python
- Rest APIs
- Javascript
- React
- HTML5/CSS3
- jQuery
- Bootstrap
- SQL database/Mongo DB database

Certificates

Industrial automation training certificate, Fan Organization, Tehran, Iran

Robotics training certificate, Fan Organization, Tehran, Iran

Course Projects

IOT course project : "Smart Fridge"
The smart fridge in IoT platform, collects data from a variety of sensors on each unit in real-time, helping to monitor ingredients inside the fridge and communicate through telegram with end user to notify in case of shortage. *link of project video*: https://youtu.be/ZCROlF6sS8E

Mobile Application course project : "book sharing application"
An Android mobile application for book sharing. It uses Firebase as backend and Algolia to build the search index.

Frontend web development projects with JavaScript & React:
- **<u>e-commerce website with Javascrip</u>**: An e-commerce web with multi pages and shopping cart feature
- **<u>React beach resort hotel website:</u>** A website with multi responsive pages in React framework

Github link of projects: https://github.com/aysan66

Professional Experience

Technician   2014-2016
Home automation company
- Collaborating on smart building projects.
- Testing HVAC systems and related controllers.

Electronic Technician   2012- 2013
Pars Sanat Company
- Performed troubleshoot on electronic systems and performed repairs.
- Tested new systems and adhered to quality control procedures.

Languages

- English (professional user)
- Italian (lower intermediate)
- Turkish (native)