Karim Pazoki

Iran – Zanjan

Computer Science Department

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PERSONAL INFORMATION

- Born: April 4th, 1993 in Zanjan (Iran)
- Citizenship: Iranian
- Marital status: Single

INTERESTS

- Combinatorial algorithms and optimization specially
- Computational geometry
- Parallel Programming
- Text mining and Information retrieval
- Data mining
- Reinforcement learning algorithms
- Virtual Reality application design
- Augmented Reality application design

Education

09-2011 – PRESENT

Institute for Advance Studies in Basic Sciences (IASBS) – Zanjan, Iran

M.Sc. of Computer Science

- Thesis: Facility Location Problem with Balanced Allocation of Customers (k-balance)
- Supervisors: Dr. Mansoor Davoodi Monfared

09-2011 – 07-2016

Institute for Advance Studies in Basic Sciences (IASBS) – Zanjan, Iran

B.Sc. of Information technology engineering

- Thesis: Music recommendation system based on user behavior and personal mood in time division
- Supervisors: Mehdi Khosravian

09-2004 – 07-2011

National Organization for Development of Exceptional Talents (NODET) – Zanjan, Iran

(A special school in Iran which registers students via a nation-wide entrance exam)

Diploma of Mathematics & physics

WORK HISTORY

10-2015 – 12-2016   **Maps (Mojtama-e Pars Samane-ha-e Danesh Pouya) _Zanjan, Iran**
Web Application Developer – Senior Unity Developer (5-12 / 2016)

- Fablab connect
- WhatIsFablab
- SchoolFablab
- UCLA surgery room model (Virtual Reality application on HtcVive platform)
- School Fablab VR (Virtual Reality application on HtcVive platform)
- Sufi Business school website
- Fablab platform VR model (Virtual Reality application on HtcVive platform and Oculus)

06-2014 – 04-2015   **Hegza (Hamrah Gostar-E Zarrin Affagh) –Zanjan, Iran**
Web Application Developer and Software Developer

- Youth and Sports Organization portal
- Youth and Sports Organization NGOs' automation system
- HEGZA website

10-2013 – 06-2016   **Padpors (Start-Up) – Zanjan, IrAN**
Web Application Developer

SKILLS

Languages
- Persian (Native)
- Azeri (Native)
- Turkish (Elementary)
- English (Elementary)
- German (Limited working proficiency)

Programming
- Python
- C#
- Java
- C/ C++
- Unity
- Bash script

Web Developing
- python (pure, Django, flask)
- php (pure, laravel, FatFree, Codeigniter, Slim, falcon)
- ASP.NET
- ruby on rails
- front-end (HTML5, Css3, Bootstrap, Javascript, jQuery)

CMS
- Wordpress

- Moodle (LMS)
- Joomla
- Opencart
- Megento

Datamining Softwares
- R
- RapidMiner
- SPSS

Linux
- common usage
- bash script
- vim
- awk

Database
- Mysql
- Sql server
- postgresql
- mongo db
- neo4j

Server
- Ubuntu server
- Open SUSE
- Debian
- Redhat
- Amazon cloud
- WHM
- Cpanel
- LAMP
- Apache HTTP Server
- Nginx HTTP Server

Tools
- Git
- SVN
- Visual studio
- php storm
- Aptana
- Microsoft office,
- Latex
- Bootstap studio

VOLUNTEER EXPERINCES

06-2014 – 06-2015   **Gapchay** (IASBS students' forum)

06-2015 – 01-2016   **Radical-D Framework** (Based on PHP)

TEACHING EXPERINCES

Fall 2016 - winter 2017	**Artificial Intelligence** (TA, IASBS)
Spring 2016	**Unity** (Science and Technology Park, Zanjan)
Winter 2016	**Using MVC in php** (IASBS IT Workshop)
Winter 2015	**Matlab** (IASBS)

REFERENCES

Dr. Mansoor Davoodi Monfared   Assistant Professor of Computer Science, Institute for Advanced Studies in Basic Sciences (IASBS)
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E-mail: mdmonfared@iasbs.ac.ir

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