Omid Haghighatgoo

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EDUCATION

Payame Noor University, Tehran   2012 - 2015
Master of Science, Software Engineering
Seminar: *A study on machine learning through human interactive*

Islamic Azad University, Tehran
Bachelor of Science, Software Engineering
Thesis: *A study of cryptography algorithms and implementing sha-512*   2006 - 2011
        algorithm in java

HONORS AND AWARDS

- *Third Place in Second Competition of Artificial Intelligence in Amirkabir University*
- *First place in line follower robot competition Islamic Azad University of South Tehran*

WORK EXPERIENCE

Java Developer   2022 - Present
Ampada GmbH • Germany - Remote

- Developing various microservices and projects

Java Developer   2017 - 2022
Behsazan Mellat • Tehran

- Developing Internet Banking V2.
- Developing and Maintenance Internet Banking V1.

Java Developer   2016 - 2017
Fanap • Tehran

- Developing QR Code Based Payments Application
- R&D In IoT Technologies, Opportunities and Challenges
- Starting a JBoss ESB Project

Java Developer   2014 - 2015
IranRayaneh • Tehran

- Leading 5 developers to design and develop new modules for Enterprise Information Management System.
- Designing and developing new modules for Report Builder System which integrated with our Enterprise Information Management System.

Java Developer   2013 - 2014
RayanHamAfza • Tehran

- Designing and developing new modules for Market Making Management System.
- Collaborated with team of 10 programmers for starting a new project (Customer Club)

Java Developer   2012 - 2013
Ferdowsi Financial Institution • Tehran

- Developing new modules for Ferdowsi ERP

Java Developer   2011 - 2012
Farazpardazan • Tehran

- Developing new features and solving bugs for SalesTree project

TEACHING EXPERIENCE _____

Programing in Java and MySQL Database courses   2015-2016
Yaas Arghavani Company • Tehran

Programing in Java and MySQL Database courses   2014-2015
Ala Company • Isfahan

Programing in Java and MySQL Database courses   2014-2015
MTN Irancell Company • Tehran

Programing in Java and MySQL Database courses   2012-2013
Sepehr Tehran Institute • Tehran

CERTIFICATE _____

Oracle DBA   2009-2010
Institution Name: Meshkat-E-Danesh International Information Technology Company

J2SE Developer   2009-2010
Institution Name: Meshkat-E-Danesh International Information Technology Company

J2EE Developer   2010-2011
Institution Name: Meshkat-E-Danesh International Information Technology Company

Online Business Management   2017-2018
Institution Name: ANCCP

TRAINING COURSES _____

LPIC 1   2012-2013
Institution Name: LAITEC

LPIC 2   2012-2013
Institution Name: LAITEC

A Quick and Practical Introduction IoT   2016-2017
Institution Name: IoT Academy

PUBLICATIONS _____

PEER-REVIEWED JOURNAL ARTICLES AND BOOKS

Tavahin, R. & Haghighatgoo, O. (2021). *Voltage Stability in Smart Distribution Systems*: Shaparak Publisher
http://opac.nlai.ir/opac-prod/bibliographic/8451814

Haghighatgoo, O. & Tavahin, R. (2018). *Microservice Architecture in Java with Practical Examples in Spring Boot, Spring Cloud:* Pazhoheshgare Bartar Publisher
http://opac.nlai.ir/opac-prod/bibliographic/5504333

Haghighatgoo, O. (2017). *Applications and Challenges of Business Intelligence, Data Mining In the Internet of Things (IoT)*: First National Conference on Applying Business Intelligence
https://civilica.com/doc/784186/

Haghighatgoo, O. (2016). *Production of Game Content for Mobile Phones based on Android Operating System:* International Journal of Computer Science and Mobile Computing
https://www.ijcsmc.com/docs/papers/March2016/V5I3201639.pdf

LANGUAGES AND SKILLS_____

Languages: Persian (Mother Tongue), Fluent in English (IELTS: 7)

Programming Language: Java, SQL, Pl/SQL

JavaEE: JSP, Servlet, EJB, JSF, JPA

Application Servers: Wildfly, Weblogic, Tomcat, WebSphere

Frameworks: Spring, Spring Cloud, Spring Boot, Spring MVC, Struts, Hibernate

Frontend Libraries: React, Angular

Design Patterns: MVC, Singleton, Prototype, Observer, Façade, Strategy, Template, Memento …

Development Tools: Maven, Ant, Git, SVN

Software Development Methodologies: Rup, Agile

Databases: Oracle, MySQL

NoSQL Database: Mongodb

Operating Systems: Windows, Linux (Centos, Ubuntu, OpenSuse)

IDEs: Intellij Idea, Eclipse

Blockchain: Smart Contract, Web3 , Solidity

Others: RMI, JDBC, Liferay Portal (JSR168, JSR 286)

TEACHING INTERESTS _____

Lectures: Programming Languages, Semantics and Implementation, Software Development, Software Design, Algorithms & Data Structures, Artificial Intelligence, Machine Learning

OTHER INTERESTS _____

Playing Guitar, Playing Piano, Photography, Persian Calligraphy