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Education

2014–2019(expected) BSc, Software Engineering, K. N. Toosi University of Technology,
Major GPA: 16.37/20 ,Cumulative GPA: 15.79/20 (top 15% in the class)
Selected Courses: Java, Software Testing, Software Engineering. (all grades 20/20)

Fields of Interests

Big Data and Scalable Computation, Recommender Systems, Machine Learning, Genetic Algorithms.

Technical Skills

Languages	Java, C++, Scala, Python.
Programming	Object Oriented and Functional Programming, OOP Design Patterns.
Concepts	Concurrency and Parallelism such as Java Fork/Join, Akka Actor Model, Async programming, Version Control Systems such as Git and GitHub, Web services such as REST and SOAP.
IDEs	IntelliJ IDEA, Apache NetBeans, Eclipse.
Databases	Oracle 12c, MongoDB, SQLite.
Libraries	Akka, Git, Hibernate, JPA, JUnit, Mockito, JavaFX, Maven, JDBC, scikit, numpy.

Honors and Awards

April 2018 **3rd place** in RoboCup Iran Open 2018 International Competitions, UAV Indoor League, Team KN2C.

Teaching Experience

Fall 2015–Spring 2018	Teaching assistant, Advanced Programming with Java , KNTU, Instructors: Mehdi Esnaashari, Mahdi Zamanian, Sayyed Kamyar Izadi
Spring 2017	Teaching assistant for Algorithms , KNTU, Instructor: Amin Nikanjam
Fall 2016	Teaching assistant for Data Structure , KNTU, Instructor: Babak Nasersharif

Projects

Summer 2017	Autonomous landing on Artificial Landmark Role: Developer in KN2C Robotic Lab, Aerial Unmanned Vehicle Team Designing artificial landmarks and developing real-time vision-based autonomous landing algorithm (outdoor and indoor environments). Languages: OpenCV and C++.
Jan – April 2017	Cloud Billing System Role: Researcher, Developer Supervisors: A. Ahmadi and S. Kashi. Investigating open-source billing systems. Examining time series databases.
Summer 2016	ODE and PDE MathTools Role: Developer, Web Site Designer Supervisor: H. Aliakbarian Several mathematical visualizations in JavaFX.

Community Outreach

May 2018-present	Chairman of ACM Student Chapter, KNTU. Chapter Website: https://kntu.acm.org
Sep 2017-present	Founder and leader of KNTU Java User Group (JUG). KNTU JUG YouTube Channel
November 2016-2017	Chairman of Computer Engineering Student's Scientific Chapter, KNTU.

Professional Membership

Association for Computing Machinery (2017-present). Membership Number: 7348433

Certificates

Coursera	Verified certificates from Coursera online MOOC platform.
July 2018	Parallel, Concurrent, and Distributed Programming in Java Specialization Rice University.
March 2017	Intro to RecSys: Nearest Neighbor Collaborative Filtering University of Minnesota .
December 2016	Intro to RecSys: Non-Personalized and Content-Based University of Minnesota.
December 2016	Big Data Integration and Processing University of California, San Diego.
November 2016	Functional Program Design in Scala École Polytechnique Fédérale de Lausanne.
October 2016	Big Data Modeling and Management Systems University of California, San Diego.
September 2016	Machine Learning Stanford University.
August 2016	Algorithms on Strings University of California, San Diego.
August 2016	Introduction to Big Data University of California, San Diego.
July 2016	Functional Programming Principles in Scala École Polytechnique Fédérale de Lausanne.
July 2016	Algorithms on Graphs University of California, San Diego.
July 2016	Hadoop Platform and Application Framework University of California, San Diego.
July 2016	Data Structures University of California, San Diego.
May 2016	Mastering the Software Engineering Interview University of California, San Diego.
April 2016	Algorithmic Toolbox University of California, San Diego.
March 2016	Advanced Data Structures in Java University of California, San Diego.
November 2015	Object Oriented Programming in Java University of California, San Diego.