

# ABDULLAH KHANFOR

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## PERSONAL INFORMATION

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## GOAL

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Obtaining an internship position in Software and Systems Analysis and Engineering.

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## EDUCATION

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2016–Present Stevens Institute of Technology, Hoboken

Doctorate

Ph.D. in Systems Engineering Concentration in **Software Engineering** · GPA: 3.85

Developers and Components Network Analysis in Software Engineering Development. Adviser: Prof. Ye YANG

2014–2015 Stevens Institute of Technology, Hoboken

Masters of Science

· Computer Science · CGPA: 3.75

Selected Courses: Cloud Computing, Web Programming II, Design & Analysis of Network Systems, Applied Machine Learning, Text Mining & Natural Language Processing, Agile Methods for Software Development, Casual Inference, Project Management of Complex Systems, Software Cost Estimations

2006–2011 King Khalid University, Abha

Bachelor of Science

· Computer Science · CGPA: 3.2

Selected Courses: Computer Modeling & Simulation, Computer Vision, Computer Graphics, Object-Oriented Programming, Algorithms & Data Structure, Statistical Programming, Microprocessor and Assembly Language, Internet Technologies, Data Mining, Expert Systems & Knowledge Engineering, Design and Analysis of Algorithms, Operating Systems

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## WORK EXPERIENCE

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2016–2017 Research Assistant

Software Analytics  
Lab

Conducting data analysis and research projects on Crowdsourcing Software Development in Stevens Institute of Technology.

2011–2012 Lecturer

Najran University

Teaching introductory courses for freshman students.

2010–2011 E-Learning Students Support

King Khalid  
University

Working as support for students using Blackboard Learning Management Systems and student representative in E-learning Deanship broad meetings.

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## PATENT

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May 2014 Automatic Object Tracking Camera

Issuing a patent with a concept of an automatic ball tracking camera for taking video images of a ball game includes a two-stage video camera unit including two sets of camera modules arranged on top of each other, each camera module including a video camera, a zoom lens, and a pan-tilt pod. The patent is issued utility patent in USPTO. Patent/Application Number: US20150350606A1

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## PUBLICATIONS

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Dec 2017 Predicting Failures of Software Crowdsourcing Tasks

Reporting an empirical results on task failure and its influencing factors in software crowdsourcing, and proposes a method for predicting task failure risk based on task characteristics, technology popularity, worker characteristics, and competition network. The failure prediction method is evaluated on a dataset extracted from the TopCoder platform. (Published in Asia-Pacific Software Engineering Conference 2017.)

Dec 2017 An Overview of Practical Impacts of Functional Programming

Conducting a systematic literature review short paper to identify the impacts of Functional Programming languages in Software Engineering practices. (Published in The 4th International Workshop on Evidential Assessment of Software Technologies.)

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## COMPUTER SKILLS

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MONGODB, ADOBE ILLUSTRATOR, HADOOP, C#, JSP, ASP.NET, REACT, DEEP LEARNING, REINFORCEMENT LEARNING, JQUERY, ANGULARJS, Shell Script, JAVA, JUNIT, JAVASCRIPT, R, MATLAB, D3.JS, C++, NODE.JS, VISUAL BASIC.NET, NODE.JS, LINUX/UNIX SHELL COMMANDS/SCRIPTS, DATA SCRAPING, MACHINE LEARNING, PHP, HTML, XML, L<sup>A</sup>T<sub>E</sub>X, MySQL, CSS, PYTHON, PYUNIT, NETWORK/GRAPH ANALYSIS

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OTHER INFORMATION

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*Awards*  
*Languages*

2011 · Najran University Scholarship for Master and Ph.D.

ARABIC · Native

ENGLISH · Fluent

*Interests*

Computer Gaming · Cooking · Reading

December 29, 2017