



Hakan Ezgi KIZILÖZ

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I have a Ph.D. degree in Computer Engineering. I possess strong theoretical knowledge of Computer Engineering due to my work experience in academia. I also possess research-focused software development skills. I have completed two funded, and numerous research and personal software projects.

WORK EXPERIENCE

SEPTEMBER 2021 – CURRENT
Sheffield Hallam University, Sheffield

Research Fellow

- I am working on a project that boosts SMEs in the region with digital technology.

SEPT 2020 – AUGUST 2021
The Open University, UK

Research Software Engineer

- I worked on a project that integrates human values into software systems.

(*Ionic, Angular, SQLite*)

SEPT 2018 – SEPT 2019
The Open University, UK

Research Software Engineer

- I developed software on scholarly data mining that builds an ontology on computer science.

(*Python, Elasticsearch, Machine Learning*)

MAR 2014 – SEPT 2015
STORK 2.0, EU co-funded project, Turkey

Software Developer

STORK 2.0 is a framework that facilitates electronic ID and authentication in the EU.

- I developed and maintained the code.

(*Struts for Java EE, MySQL, Tomcat*)

NOV 2011 – NOV 2012
SMARTCHA, a funded project, Turkey

Research Software Engineer

- I designed and implemented two web apps: one for users to generate text-based CAPTCHA tests and another for usability studies.

- I designed and implemented a background service that automatically checks these tests.

(*Amazon's Mechanical Turk Service, Bing Search API, Wolfram Alpha Service API, Java, Java Server Pages, Javascript, MySQL, XML, Tomcat*)

EDUCATION

PhD 2011 – 2016
COMPUTER ENGINEERING, TOBB ETU
4.00/4.00, Full scholarship

MSc 2008 – 2010
COMPUTER ENGINEERING, TOBB ETU
3.69/4.00, Full scholarship

BSc 2004 – 2008
MATHEMATICS, TOBB ETU
2.95/4.00, Full scholarship

COMPUTER LITERACY

PRACTICAL Java, Python, Javascript, JSP, MySQL, Android, Linux, JSON, XML, MATLAB, GAMS, HTML

FAMILIAR C, C#, R, Web Services, SPSS, Shell scripting, VirtualBox, Docker, Raspberry Pi

THEORETICAL Data structures, Algorithms, Operating systems, Computer networks

RESEARCH Optimization, Machine learning, Usable security, Wireless sensor networks

ACADEMIC EXPERIENCE

12/2016 - ON LEAVE Assistant Professor
UTAA, Ankara

01/2019 - 05/2019 Adj. Assistant
Professor
University of Notre
Dame, London

02/2015 - 10/2016 Teaching Assistant
TED University, Ankara

09/2008 - 04/2015 Teaching Assistant
TOBB ETU, Ankara

Publications

- 11 SCI/SCI-E indexed journal papers
- 9 Conference papers

Please see my Google Scholar profile for details:
<https://scholar.google.com/citations?user=M3WJgK4AAAAJ>