Ehab Qadah

Software Engineer

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Education

2015 - now	**M.Sc. in Computer Science**	University of Bonn, Germany
2009 - 2013	**B.Sc. in Computer Systems Engineering**	Birzeit University, Palestine

Experience

May 2017 - Present — **Reseach Assistant** — **Fraunhofer IAIS**, Germany
- Involved in building stream processing pipelines on a Kafka cluster using Flink in the context of the **datAcron** project.
- Working on my master **thesis**: "Distributed Online Learning for Large-scale Pattern Prediction over Real-time Event Streams".

Oct 2016 - March 2017 — **Teaching Assistant** — **University of Bonn**, Germany
- Teaching and correcting the exercises and exams of the Intelligent Learning And Analysis Systems: **Machine Learning** course (MA-INF 4111).

March 2016 - March 2017 — **Front-End Developer (part-time)** — **TROIUS DIGITAL**, Germany
- Designed and developed web applications (front-end) using HTML, CSS, Javascript, JQuery and React.
- Built and maintained web services using Node.js and PHP.

Sep 2015 - Dec 2016 — **R&D Engineer** — **Freightos (Tradeos LTD)**, Palestine Office
- Developed software components based on GWT and Google App Engine to provide Java back-end solutions.
- Experience in using Google's DataStore, Memcache, CloudSQL and BigQuery API.
- Participated in AGILE development environment, code reviews, team design sessions and contributed to the team strategy and process improvement.

Aug 2012 - Sep 2014 — **Software Engineer** — **EXALT Technologies Ltd**, Palestine
- Web and desktop applications development using ASP.NET C#.
- Designed and developed Android applications.
- Participated in the full development lifecycle from concept to deployment.

Technical Skills

Programming Languages
- Java, C/C++, C#, Scala and Python.

Web Technologies
- HTML5, JS, JQuery, PHP, GWT, ASP.NET MVC, Node.js and React.

Big Data Technologies
- Apache Flink, Apache Spark and Apach Kafka.

Others
- Shell Script, VHDL, VBScript and Assembly.
- Databases: MySQL, MongoDB, Apache Cassandra and SQLite.
- Git, SVN, Maven, Gradle, Webpack and Docker.
- Excellent Computer Science fundamentals, object-oriented design, data structures, algorithm design, problem solving, and complexity analysis.