

KAAN MERT BERKEM

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WORK EXPERIENCE

Software Engineer, ILG Technologies LLC, Ankara, Turkey January 2017 - March 2022

Main projects:

- Developed an interactive service between multiple platforms of the company's projects using Google App Engine as host and Python as the scripting language. I was mainly responsible for implementing the web service from scratch.
- Developed and maintained an application called ILGExam360. The application provides an electronic platform for the Bar Exam in the USA for 14 states. I took over the project around April 2018 and used Node.js and Electron framework to create the desktop application and Java for the backend services. Backend services also included a grading module for the graders of the Bar exam, who used the module to grade and score the answers of the applicants of their respective state.
- A project that is used by law schools in the USA. The project enables the instructors to create their own exams and lets the students of their courses attend the given exams electronically. The students' end was a Node.js desktop application and the instructors' end was a web application with a backend of Java.
- Worked on an experimental project that was used for face recognition using OpenIMAJ library on Java.
- Designed and implemented Web Services using SOAP in Java and REST API in Java & Python.
- Worked on an experimental text analysis project.

Other projects I have added a number of new features and fixed bugs:

- A project which is used by the applicants of the Bar Exam in the USA.
- Worked on a project which is used by the people who evaluate the applications of the Bar Exam applicants. The platform handles the entire application procedure of the applicants from the beginning to the end.

EDUCATION

Computer Engineering, Bilkent University, Ankara, Turkey 2012-2016

- Teaching Assistant for Computer Organisation Course, Spring 2015 and Spring 2016

Internships:

- **Innova, 2015:** Designed and built a library system using Java, JSF, MySQL.
- **Accupoint LLC, 2014:** Worked on a healthcare platform based on SharePoint.
- **Turkish State Railways, 2014:** Worked as a member of HAVELSAN project team, using SAP in their project.

AWARDS AND ADDITIONAL INFORMATION

Partial (50% Education Tuition) scholarship in Bilkent University, 2012-2016

Full scholarship in high school (TED Ankara College), 2008-2012

Silver medal at U18 underwater hockey championship in Turkey, 2011

Member of the Columbia University's Summer Program for High School Students at New York City, Branch: Computer Science, 2011.

Attended to Nesin Mathematics Village, 2010