KAAN MERT BERKEM

E-mail: KaanMertBerkem@gmail.com   **Phone:** +90 530 409 01 62   **Residence:** Ankara, Turkey

Objective: To obtain an internship working with experienced computer engineers/scientists. As a hard-working and motivated student in CSE and having completed multiple challenging projects, I will make a positive contribution to your organization.

Education

Bilkent University, Ankara, Turkey, Computer Engineering, 2012 – Expected: 06/2016, GPA: 2.94/4.00

- Geometric Sketchpad, a tool for drawing geometric shapes and calculation of lengths and areas (using Java)
- Graph Query Language Lexer and Parser (using C)
- Question Answering System (using MySQL, PHP)
- Monopoly AI, a tool for observing behavioral mathematics in a Monopoly game
- MATLAB and Web Sessions in Bilkent IEEE Student Branch

TED Ankara College Foundation High School, 2008 – 2012

- Member of Scholar Development Programme (SDP)
- TUBITAK Project: Applications of Carpet Theorem on three dimensional shapes, 2012
- TUBITAK Project: Applications of Rotation of Ellipses Which Are Centered at Origin, 2011
- Columbia University's Summer Program for High School Students at New York City, Branch: Computer Science, 2011
- Attended to Mathematics Program of Nesin Mathematics Village of Ali Nesin, 2010

Experience

Tutor, Bilkent University CE Department, Ankara, Turkey, 02/2015 - Present.

Answered students' problems in Computer Organization course about Verilog and MIPS Assembly Language and got 85% satisfaction rate from students in 2015.

Software Engineer Intern, Innova, Ankara, Turkey. 08/2015 – 09/2015

Worked on a library system, designed and implemented the platform, the registration/authorization system. Implemented the back-end using MYSQL, Java and front-end using JSF, HTML, XML.

Software Engineer Intern, Accupoint LLC, New York City, NY, USA, 08/2014 – 09/2014

Worked on a healthcare management platform that is built on SharePoint. Worked on scheduling system of the platform that was built for ten states of USA using ASP, .NET, C# . Managed to increase the speed of scheduling system by 30%.

Software Engineer Intern, Turkish State Railways, Ankara, Turkey, 06/2014 – 07/2014

Worked as a member of HAVELSAN engineering team. Worked on databases of railway stops and managed to solve data transferring problems using SAP.

Skills

Programming Languages: Java, C/C++, C#, Python, Verilog, MIPS Assembly, CUDA, MPI, OpenMP

Web Programming: PHP, HTML, XML, .NET

Databases: MySQL

Awards

Honour, Bilkent University, Spring 2014

High Honour, Bilkent University, 2012 – 2013

100% Education Scholarship, TED, 2008 – 2012

50% Education Scholarship, Bilkent University, 2012 – Expected: 06/2016

Accomplishments and Extracurricular Activities

Attended Bilkent University Social Responsibility Center's Support to the University Personnel Project. Taught 10+ students Mathematics and` English, Spring 2016

Passed DELF B1 Test, 2011

Won Second Place at Turkey Youth Underwater Hockey Championship, 2011

Attended to Mathematics Program of Nesin Mathematics Village of Ali Nesin, 2010

Qualified to Turkey Youth Chess Championship, 2009

Won First Place at Math Championship of TED '08

Won Second Place at Math Championship of TED '07