MEHMET FURKAN ŞAHİN



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EDUCATION

2012-2017 Bilkent University, Computer Science, Ankara, TURKEY: Studying with comprehensive scholarship.

CGPA: 3.75/4.00 Major CGPA: 3.92/4.00 (CS classes)

2015-Fall Ecole Polytechnique Federal de Lausanne, Computer Science, Lausanne, Switzerland: Exchange student.

EXPERIENCE

2016 July - 2016 August, Institute of High Performance Computing, A\*Star, Singapore

Research Assistant.

2016 May - 2016 July, Citus Data, Istanbul

Software Engineering Internship. Created percentile approximations extension for PostgreSQL.

2015 August - 2016 January, Human-Computer Interaction Group - EPFL, Switzerland

Undergrad Researcher: Developed a data visualization tool for MOOCs data.

2015 June - 2015 September, Memorial Sloan Kettering Cancer Center, New York, USA

Software engineering intern: Developed Java-Script based graph visualization tools for Genomics Data.

SCHOLARSHIPS, AWARDS, HONORS

2015, TUBITAK (Turkish Science Foundation) Undergraduate Researcher Scholarship

**2014-2013, IEEEXtreme 8.0-7.0 Programming Competition:** As a team of three undergraduate students, which is named TechWeb, ranked 1st in Turkey, 30th In IEEE Region 8, 73rd in the world among 2500 teams competing throughout the world.

PROJECTS

**HDR, Citus Data - 2016:** HDR is a Histogram based percentile approximation extension for PostgreSQL database systems. It provides 400x speed increase with 0.0001 error ratio.

**Beatify, EPFL - 2015:** Beatify is created as a group project with 2 more colleagues. It is a music player android app which finds the best music from your Spotify account according to the instant heart rate of the user.

**Swiss Affinity, EPFL - 2015:** Swiss Affinity is created as a group project with 5 more colleagues. It is a speed dating organizer app that has both server and user sides. It is android version of [swiss-affinity.ch](http://www.swiss-affinity.ch).

**cBioPortal - Network transformation, MSKCC - 2015:** Network tab of cBioPortal is transformed from a flash based version to Cytoscape JS.

COMPUTER SKILLS

**Programming:** Java, C/C++, SQL(PostgreSQL, MySQL), JavaScript, Scala, Python, Android.

**Operating Systems:** OS X, Microsoft Windows, Linux

LANGUAGES

**Turkish:** Native **English:** Fluent **French:** Beginner **German:** Beginner

MEMBERSHIP & PROFESSIONAL ACTIVITIES

2014 – 2015 Young Guru Academy Conference Participant

2014 – 2015 Bilkent IEEE Computer Society Vice Chair – International IEEE Member

2013 - 2014 Bilkent IEEE Teknoloji101 Coordinator – International IEEE Member: Coordinated volunteer students to organize technical and social events and trainings about courses to help other Bilkent students.