# MEHMET FURKAN ŞAHİN

**Cell Phone:** +90 539 2026442   **E-mail:** sahinffurkan@gmail.com **GitHub:** /furkansahin **Personal web-site:** mfsh.in

## 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 $1^{st}$ in Turkey, $30^{th}$ In IEEE Region 8, $73^{rd}$ 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.

**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.