MEHMET FURKAN ŞAHİN

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**Permanent:** Sehit Cengiz Karaca Mah. 1047. Cad. Vadi Apt. 13/14 Çankaya, Ankara, TURKEY

**Birth:** July 20, 1994 **Cell Phone:** +65-8581-6901 **E-mail:** [sahinffurkan@gmail.com](mailto:sahinffurkan@gmail.com?subject=) **GitHub:** [/furkansahin](http://github.com/furkansahin)



Personal web-site: [mfsh.in](http://mfsh.in)

EDUCATION

2012-2017 Bilkent University, Computer Science, Ankara, TURKEY

Studying with comprehensive scholarship. (Comprehensive scholarship is given to 50 individuals according to university entrance exam.)

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. Courses: Algorithms, Functional Programming, Lab on Apps Development for Tablets and Smartphones, Projet en Informatique I(Supervised by professor Pearl Pu).

EXPERIENCE

2016 July - 2016 October, Institute for 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

2016, SIPGA (Singapore International Pre-Graduate Award)

2015, TUBITAK (Turkish Science Foundation) Undergraduate Researcher Scholarship

2013, Fall – 2016 Spring Bilkent University High-Honor Student

**2014, IEEEXtreme 8.0 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.

**2013, IEEEXtreme 7.0 Programming Competition:** As a team of three undergraduate students,which is named

TechWeb, ranked 1st in Turkey, 13th among JAVA coders, 38th in IEEE Region 8, 100th in the world.

PROJECTS

**HDR, Citus Data - 2016:** HDR is a Histogram based percentile approximation extension for PostgreSQL database systems. It provides notable performance increase in percentile queries.

**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. Source codes are available on personal GitHub account.

**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). Source codes are available on personal GitHub account.

**iVis-GVT, iVis Research Group - 2015:** Web based graph visualization tool that is created with JavaScript. Source codes are available on personal GitHub account.

**cBioPortal - Network transformation, MSKCC - 2015:** Network tab of cBioPortal is transformed from a flash based version to Cytoscape JS. [cbioportal.org/about\_us.jsp](http://cbioportal.org/about_us.jsp)

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

2015 – 2016 ESN EPFL member

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.

2013 – 2014 MCD Private Youth Conference Participant