MEHMET FURKAN ŞAHİN

Temporary: Blk 23, Telok Blangah Crescent , # 08-34, Singapore , 090023
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 **GitHub:** /furkansahin
Personal web-site: 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. 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

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