MEHMET FURKAN ŞAHİN

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EDUCATION

2012-2017 Bilkent University, Computer Science, Ankara, TURKEY: B.Sc. with comprehensive scholarship
CGPA: 3.75/4.00   Major CGPA: 3.92/4.00 (CS classes)

2015-Fall École Polytechnique Fédérale de Lausanne, Switzerland: Exchange program.

EXPERIENCE

2016 October, Publication, The cBioPortal for cancer genomics and its application in precision oncology
Author. Detailed information can be found in the link.

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.

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

2013 – 2015 Bilkent IEEE Coordinator – International IEEE Member: Coordinated volunteer students to organize technical and social events and trainings about courses to help other Bilkent students.