

MEHMET FURKAN ŞAHİN

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Personal web-site: furkansahin.github.io

EDUCATION

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

Received comprehensive based scholarship from the university. (Comprehensive scholarship is given to 50 individuals according to university entrance exam.)

CGPA: 3.73/4.00

2015-2016 Ecole Polytechnique Federal de Lausanne, Computer Science, Lausanne, Switzerland

EXPERIENCE

2015 August - 2016 February, Human-Computer Interaction Group Undergrad researcher, EPFL, Switzerland

Developing standalone data visualisation tools.

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

Software engineering intern: Developed Java-Script based graph visualisation tools. Source codes are available at github.com/furkansahin

SCHOLARSHIPS, AWARDS, HONOURS

2015 TUBITAK (Turkish Science Foundation) undergrad researcher scholarship

2015 ITU Yazılım Maratonu (Programming Competition) Finalist

2013 Fall – 2015 Spring Bilkent University High-Honor Student

2014 IEEEExtreme 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 IEEEExtreme 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.

COMPUTER SKILLS

Programming: Java, C++, Java-Script, Python, HTML, VERILOG, MIPS Assembly, MATLAB.

Software and tools: JAVA IDE Programs (Eclipse, JCreator, IntelliJ Idea), Xilinx ISE Design Suite, Pycharm, Clion, WebStorm, Atom, Sublime Text.

Operating Systems: OS X, Microsoft Windows, Ubuntu (as a user)

PROJECTS

iVis-GVT: Web based graph visualisation tool. Source codes are available on personal GitHub account. Can be reached via goo.gl/WtLJ3r

cBioPortal - Network transformation: Network tab of cBioPortal is transformed from a flash based version to Cytoscape.js.

AirTable Simulator: Created graphical user interface for a puck collision simulation. Contributed to the physics engine.

LANGUAGES

Turkish: Native

English: Fluent

French: 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 organise technical and social events and trainings about courses to help other Bilkent students.

2013 – 2014 MCD Private Youth Conference Participant