

H. Altan BIRLER

PERSONAL INFORMATION

E-MAIL	hbirler@gmail.com
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BIRTHDAY	Oct 14, 1997



EDUCATIONAL BACKGROUND

2016 - PRESENT	TUM - Technical University of Munich
2011-2016	Istanbul Lisesi (Istanbul Gymnasium) <i>German International School</i> <i>MINT-EC Partner School</i>
2016	Diploma: Abitur

LANGUAGES

TURKISH	Mother tongue
ENGLISH	Excellent command <i>TOELF IBT - Score: 110/120</i>
GERMAN	Excellent command <i>Sprachdiplom, 2012 - B1</i> <i>Diploma: Abitur, 2016 - C2</i>

FURTHER QUALIFICATIONS

PYTHON, C, C++	Expert
HTML, JAVASCRIPT, C#, JAVA	Advanced
SQL	Intermediate
ASP.NET, PYTHON FLASK	Intermediate
MACHINE LEARNING	Intermediate
OCAML	Beginner
APACHE SPARK, DIST. COMPUTING	Beginner
LATEX	Beginner
GIT	Beginner
OPERATING SYSTEMS	Windows, Ubuntu, Raspbian
ADOBE PHOTOSHOP	Advanced
MICROSOFT VISUAL STUDIO	Advanced

EXPERIENCE

JAN 2019 - PRESENT	Member of the TUM Junge Akademie <i>"TUM Junge Akademie is the TUM's scholarship program for exceptionally talented and dedicated students."</i>
MAR 2018 - PRESENT	Research Assistant - TUM Databases Chair <i>Research on query optimization & cardinality estimation</i>
JUL 2018	OrbiTUM Art Exhibition <i>Art project displayed at Karolinenplatz Munich</i> <i>As part of the OrbiTUM exhibition celebrating 150 years of TUM</i>
MAR 2017	Junior Software Developer - Celonis <i>Core Development & Backend Optimization</i>
2015 - 2016	Part of a Project Team at Yıldız Technical University <i>Research Mentor: Hüseyin Üvet, Assistant Professor</i>
2013 - 2016	Istanbul Lisesi Olympiads Club Teacher & Advisor <i>Taught lessons in C, C++, Algorithms & Data Structures, Discrete Math</i>
2011 - 2016	Istanbul Lisesi Olympiads Club <i>President of Computer Science & Physics Divisions</i>
MAR 2016	MINT Camp - Mobilität (Mobility) <i>Represented my school at a scientific camp in Bochum</i>
2014 TO 2015	Technology Student Association <i>National Officer of Turkey @Texas USA</i>
2014 TO 2015	TEDx@IEL Conference <i>Istanbul High School - Bremen</i>
MAR 2014	MUN Schleswig-Holstein Conference <i>Delegate</i>
FEB 2013	SEV jMUN Conference <i>Chair of Human Rights Committee</i>
2012 TO 2013	Istanbul Lisesi Robotics Club <i>Programmer</i>
2012 TO 2013	IELMUN 2013 Conference <i>Head of IT</i>

FURTHER EDUCATION

OCT 2016	edX - CaltechX- CS1156x <i>Learning from Data</i> <i>Verified Certificate - with 93% Final Grade</i>
AUG 2015	edX - BerkeleyX - CS190.1x <i>Scalable Machine Learning</i> <i>Honor Code - with 100% Final Grade</i>
JUN 2015	edX - TUMx - AUTONAVx <i>Autonomous Navigation for Flying Robots</i> <i>Honor Code - with 100% Final Grade</i>
MAY 2015	edX - MITx - 8.MechCx <i>Advanced Introductory to Classical Mechanics Online Course</i> <i>Honor Code - with 96% Final Grade</i>
JAN - FEB, 2015	TUBITAK National Informatics Olympiad Camp <i>Olympiad Camp by the Scientific and Technological Research Council of Turkey</i>
JAN 2013	edX - MITx - 6.00x <i>Introduction To Computer Science and Programming Online Course</i> <i>Honor Code - with 98% Final Grade</i>

AWARDS & ACHIEVEMENTS

DEC 2018	Research Abstract Accepted to SIGMOD SRC 2019 <i>I will participate in the SIGMOD 2019 conference in Amsterdam.</i>
MAY 2018	best.in.TUM <i>Promotion of outstanding students at the Department of Informatics</i>
JULY 2017	GCPC 2017 <i>German Collegiate Programming Contest National 3rd Place as team "Lambda"</i>
NOV 2016	HackaTUM <i>First prize in challenge with project DataLvr</i>
DEC 2015	USACO <i>Platinum Level Perfect Score on Dec14 Gold & Dec15 Gold</i>
NOV 2015	TUBITAK National Informatics Olympiad <i>Gold Medal</i>
OCT 2015	SAT & ACT & AP <i>SAT Superscore: 2290/2400 & ACT Composite Score: 36/36 SAT 2 Math & Physics: 800/800 AP Physics C, Microeconomics, CS, Calculus BC, German Lang. & Cult: 5/5</i>
JUN 2015	TUBITAK National Informatics Olympiad <i>First Stage Regional 1st Place, National Public School 1st Place Last Stage Finalist (11th)</i>
FEB 2015	Codeforces <i>Max Rating: 1844</i>
MAR 2012	Känguru der Mathematik <i>Erste Preis (First Prize)</i>
SEP 2011	4 Year Piano Diploma <i>From ITU Ispirtohane Conservatory</i>
2011	National High School Placement Examination (SBS) <i>Top 99.95% Percentile</i>
2011	EBIKO International Web Design Competition <i>1st Place</i>
2010	Gauss International Mathematics Competition <i>Perfect Score</i>

PERSONAL INTERESTS AND HOBBIES

[Photography](#), design (web design, poster design, logo design), video game development, dancing, table tennis, role-playing (pen&paper) games