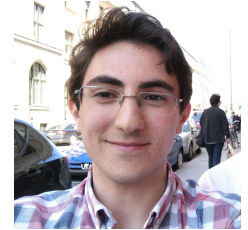


H. Altan Birler, B.Sc.

PERSONAL INFORMATION

E-MAIL	hbirler@gmail.com
WEBSITE	https://altan.birler.co/
BIRTHDAY	Oct 14, 1997



EDUCATIONAL BACKGROUND

2019 - PRESENT	TUM: Master of Science, Informatics
2016 - 2019	TUM: Bachelor of Science, Informatics <i>Graduated with High Distinction</i> <i>German GPA 1.2 (Highest Grade 1.0)</i>
2011-2016	Istanbul Lisesi (Istanbuler 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

Expert	C, C++
Advanced	C#, PYTHON, JAVA, JAVASCRIPT, HTML & CSS
Intermediate	SQL, ASP.NET, PYTHON FLASK
Proficient in theory	OCAML, APACHE SPARK, DIST. COMPUTING
Practical experience	LATEX, GIT
OPERATING SYSTEMS	Windows, Ubuntu, Raspbian
SOFTWARE	Adobe Photoshop, Adobe Premiere Pro, Adobe Illustrator

PUBLICATIONS

2020	Concurrent Online Sampling for All, for Free <i>Altan Birler, Bernhard Radke, Thomas Neumann, DaMoN 2020</i>
2019	Scalable Reservoir Sampling on Many-Core CPUs <i>Altan Birler, SIGMOD 2019 SRC</i>

EXPERIENCE

MAR 2018 - PRESENT	Research Assistant - TUM Databases Chair <i>Research on query optimization & cardinality estimation</i>
AUG 2020 - OCT 2020	Software Engineering Internship - Salesforce Munich <i>I worked on prototyping new features for the Hyper database.</i>
JAN 2019 - OCT 2020	Member of the TUM Junge Akademie <i>"TUM Junge Akademie is the TUM's scholarship program for exceptionally talented and dedicated students."</i>
JUL 2018	OrbiTUM Art Exhibition <i>Art project displayed at Karolinenplatz Munich 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 Verified Certificate - with 93% Final Grade</i>
AUG 2015	edX - BerkeleyX - CS190.1x <i>Scalable Machine Learning Honor Code - with 100% Final Grade</i>
JUN 2015	edX - TUMx - AUTONAVx <i>Autonomous Navigation for Flying Robots Honor Code - with 100% Final Grade</i>
MAY 2015	edX - MITx - 8.MechCx <i>Advanced Introductory to Classical Mechanics Online Course 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 Honor Code - with 98% Final Grade</i>

AWARDS & ACHIEVEMENTS

NOV 2019	Vienna Freshers 2019 <i>Won the Vienna Freshers 2019 Debate tournament with team of two.</i>
DEC 2018	SIGMOD Student Research Competition 2019 <i>I was invited to present my poster in the SIGMOD 2019 conference.</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