

H. Altan BIRLER

PERSONAL INFORMATION

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BIRTHDAY | Oct 14, 1997



EDUCATIONAL BACKGROUND

2016 - PRESENT | TUM - Technical University of Munich
2011-2016 | Istanbul Lisesi (Istanbuler Gymnasium)
German International School
MINT-EC Partner School
2016 | Diploma: Abitur

LANGUAGES

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

FURTHER EDUCATION

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

EXPERIENCE

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| MAR 2017 | Research Assistant - TUM Databases Chair <i>Research on query optimization</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 QUALIFICATIONS

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| 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 |

AWARDS & ACHIEVEMENTS

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| 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</i> <i>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</i> <i>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</i> <i>SAT 2 Math & Physics: 800/800</i> <i>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</i> <i>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, table tennis, role-playing (pen&paper) games