

ATA YARDIMCI

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EDUCATION

IMPERIAL COLLEGE LONDON MEng in Electrical & Electronic Engineering with Management

London, United Kingdom
September 2017 – June 2021

- Predicted First Class Honours with *Mathematics: 85, Algorithms and Complexity: 88, Control Engineering: 88*
- In addition to core modules, optional modules selected include:

<i>Machine Learning</i>	<i>Mathematics for Signals and Systems</i>	<i>Advanced Signal Processing</i>
<i>Deep Learning</i>	<i>Control Engineering</i>	<i>Managing Engineering Projects</i>
<i>Pattern Recognition</i>	<i>High Level Programming</i>	<i>Signal Processing and Machine Learning for Finance</i>

ROBERT COLLEGE Maths and Science Specialization

Istanbul, Turkey
September 2012 - June 2017

- Robert College is a 5-year American high school accepting only top 0.01% performers on a nationwide standardized test SBS. Ranked **1st** over a million students nationwide by answering all 100 questions correctly in SBS. Graduated in the top five percentile with a GPA of **93.17/100**
- **Advanced Placement:** Physics 1, Physics 2, Physics C: Mechanics, Calculus BC, and Chemistry: All **5/5**
AP Scholar with Distinction Award in recognition of exemplary college-level achievement on the AP Program
- **ACT Exam:** **34/36** **SAT Subject Exams:** **Math II: (800/800), Physics: (800/800), Chemistry: (770/800)**

STANFORD UNIVERSITY SUMMER SESSION Entrepreneurship

California, USA
June 2016 - August 2016

- Completed courses on Java, MATLAB and Technology Entrepreneurship. (All grades: **A**)
- Cofounded a start-up named CHARM with a group of 6 in the e-commerce field. Joined networking events, prepared presentations for investors and presented them to 200 people which included students, professors and investors.

COLUMBIA UNIVERSITY SUMMER SESSION Finance

New York, USA
June 2015 - July 2015

- Completed a course on finance successfully, receiving Professor Hany S. Guirguis' recommendation.

PROFESSIONAL EXPERIENCE / LEADERSHIP

GLOBAL AI HUB Data Science Intern

Istanbul, Turkey
April 2020 - Present

- Working on data science projects: talent matching, recruiting automation, computer vision.
- Participating in defining the products, success metrics and prioritizing features to deliver a market-ready product.
- Conducting end-to-end analysis that includes requirements specification, data gathering, data labelling, processing, analysis, and effectively communicating findings and key insights/recommendations to various functional leads.

MICROSOFT FarmBeats Project Member

London, United Kingdom
April 2020 - June 2020

- Responsible for designing, building and prototyping complex agricultural Internet of Things (IoT) products using Raspberry Pi and Microsoft Azure.
- Created learning resources for students to learn about IoT and digital agriculture using the FarmBeats Kit. Resources published at the official Microsoft repository at <https://github.com/microsoft/FarmBeats-UniversityCommunity>.
- Used Microsoft Azure Machine Learning Studio to integrate sensor data with other relevant data (such as weather, crop predictions, best practices) to deliver actionable insights to farmers.

DOME GROUP
M&A Intern (Part-time)

London, United Kingdom
January 2020 – April 2020

- Analysed financial statements and assisted in preparation of pitch books by extracting financial information from Merger market, S&P Capital IQ and the fiscal reports of companies.
- Implemented industry analysis for potential buyers and competitors for various companies in different industries.
- Assisted in preparation of detailed marketing materials for companies that Dome Group advises financially.
- Shortlisting potential buyers lists (PIPs).

IMPERIAL COLLEGE LONDON
Undergraduate Teaching Assistant

London, United Kingdom
October 2019 – December 2019

- Worked as a teaching assistant for Mathematics and Computer Architecture modules.
- Presented the latest material on the module in the Problem Classes.
- Encouraged students to work together, helping them through difficult material.

ERNST & YOUNG
Performance Improvement Intern

Istanbul, Turkey
August 2019 - September 2019

- Joined the Logistics Master Plan project team and assisted in research and preparation of the presentations.
- Researched the world trade flow, Turkey's part in it, and ways to integrate Turkey in the trades between far east and Western countries. Researched and came up with ways to utilize the use of Turkish ports and motorways.
- Sat in meetings with clients taking notes on key points.
- Prepared conclusion slides for maritime and air transportation chapters of the project.

ROBERT COLLEGE TENNIS TEAM
Captain

Istanbul, Turkey
September 2015 – June 2017

- Played tennis since the age of five. Competed professionally in national and international tournaments with awards.
- Took initiative to form a proper tennis team in high school. Found a coach, encouraged students to join, planned the training schedule and signed up Robert College for national tournaments.
- Came in third place as Robert College in 2016 Annual Istanbul High Schools Tennis Tournament.
- Gave private tennis lessons in the first two years of university to college students in London.

INTERESTS/ ACHIEVEMENTS / SKILLS



Football

Joined Imperial's team in the freshman year. Playing 7 a-side with friends every other weekend.



Entrepreneurship

Acted as the CFO of the Junior Achievement Club of Robert College. Organized entrepreneurship events with well-known businesspeople in Turkey. Joined trade fairs in Europe and developed 2 products with a team of 30 students.



Robotics

3D designer and head of Public Relations and Fundraising of the Robert College Robotics Club:
Turkish Off-Season: Entrepreneurship Award and New York City Regional: Inspiration Award



Chess and Poker

Enjoy playing chess and card games, particularly poker. Also enjoy performing card tricks.



Technical Skills

C++, C#, Unity, Java, Python, Assembly, MATLAB, Verilog HDL, LaTeX, Solidworks, HTML5, CSS3, JavaScript, ReactJS, Git, Github, NodeJS.