

# Yorgos Tervel Toprakcioglu

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## Education

Loughborough University 2018-Present  
MEng Aeronautical Engineering with Placement Year

## Modules studied include:

Fluid Mechanics, Thermodynamics, Computing (MATLAB), Aircraft Systems and Performance, Manufacturing, Technology and Management, Introduction to Aircraft Design (CAD NX11), Engineering Materials, Risk Analysis, Engineering Mathematics 1, Engineering Mathematics 2, Elasticity, Engineering Mechanics

Istanbul International Community School 2016 to 2018  
International Baccalaureate Diploma Program Cumulative GPA: 3.96/4.00

### Areas of concentration:

Mathematics HL Economics HL  
Physics HL English Language & Literature SL  
Chemistry HL Spanish B SL

Personal Project: Research in sustainable fuel for aviation – Lab Experiment & Report  
Extended Essay: Game Theory/Price Discrimination – Competitive pricing strategies in the US Airline Industry

## Experience

Loughborough University 2018-present  
Part A MEng Aeronautical Engineering Course Representative  
Loughborough Nightline Volunteer  
Aeronautical Engineering Peer Tutor  
Royal Aeronautical Society Member

### National Team – Ice Hockey 2016 - 2017

Silver Medal at 2016 IIHF U18 World Championship Division IIIA in Sofia, Bulgaria  
Alternate captain at 2017 IIHF U18 World Championship Division IIIA in Taipei, Taiwan  
Nominated for the team participating in the 2017 European Youth Olympic Winter Festival  
Nominated for the inline national team participating in the IIHF Inline World Championship European Qualification in Steindorf, Austria, 2016

### Ice Hockey Nominated Camps 2015-2016

Travelled to Seoul, South Korea for Korean Ice Hockey Association's camp at Korea University. Nominated to travel by the Turkish Ice Hockey Federation. (1 out of 2 nominated out of a total of 576 active junior players)  
Nominated for the Turkish under 18 national team camps  
Nominated for the Turkish under 20 national team camps  
Nominated to travel to Sofia, Bulgaria for Balkan Ice Hockey Festival

## Activities

International Virtual Aviation Organization (IVA0) Member, 2016-Present  
Leadership in Children of Hope, 2017-2018  
Designed, Built, Organized greenhouse for Roots & Shoots Group, 2016-2018

Leadership in Chemistry Club and Science Club, 2016-2018  
Leadership in School Newspaper/Magazine, 2014-2018  
Volunteered for Refugee Outreach Group, 2016-2017  
Volunteered for International Day events, 2012-2017  
Cross Country team CEESA, 2013-2015  
Student Council class representative, 2013

**International Experience**

Lived in Istanbul, Turkey, currently studying in the United Kingdom  
Visited: Bulgaria, Greece, Switzerland, Netherlands, Slovakia, Austria, Canada, South Korea, Czech Republic, Poland, Hungary, England, Taiwan (Chinese Taipei), Finland, Germany, and Spain

**Languages**

English, Turkish, working knowledge in Spanish. Currently learning Chinese.

**Awards**

Dolphin Award for Commitment, Academic Excellence and Activities, Fall 2014 – 2018  
Silver Medal at 2016 IIHF U18 World Championship Division IIIA in Sofia, Bulgaria

**Skills**

Knowledge in Siemens NX11, MATLAB, and Microsoft Office applications, I hold a full driver's licence

**Leadership**

I am experienced in leading a group under a pressured environment. During my time as the alternate captain for the national team, I learned how to alter my communication to cater to different backgrounds when playing against teams from across the world. Furthermore, currently I serve as the course representative which has developed this skill on an academic level.

**Time Management**

Due to sporting commitments, I was required to miss school for extended period of times. This period could last up to two months of consecutive absence which did not affect my academic performance as I was motivated to complete my studies independently. This has been an invaluable experience for me and my skills towards managing my time for a balanced life.

**Work Ethic**

Regardless of time pressure and commitment, I can deliver my work at a high standard. I do not feel satisfied of doubtful work and my time working independently has allowed me to improve my communication skills with the relevant people to maintain my standard.

**Passion for Learning**

I opted to study a fourth higher level course in the International Baccalaureate in Economics to give breadth my understanding of how disciplines are interconnected. Despite knowing that I wanted to study engineering, studying other disciplines shaped my interests and how to approach problems through different perspectives.

**Interests**

- Actively following stock market and forex trading
- Reading about cryptocurrency and coin mining
- Simulation enthusiast, mainly flight simulation
- Self – teaching graphic design software such as Adobe Illustrator and After Effects
- Reading about human psychology, currently reading “Righteous Mind” by Jonathan Haidt

**References**

- References available on request