

SELIN KAYA

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EDUCATION

TED Ankara College Foundation High School

2020 – ONGOING

Anticipated Graduation – JUNE 2024

Following the IB Diploma Programme

Exams: Physics HL, Mathematics (Analysis & Approaches) HL, English HL, Chemistry SL, Turkish SL

Extended Essay: (English) Linguistic manipulation in political rhetoric (tentative title)



EXPERIENCE

INTERN | Securitas AB

SUMMER OF 2022

- Shadowed a CEO of an Intelligent Security Services provider which does monitoring, consulting and investigation
- Entered meetings on system glitch analyses, security controls and discussions on how to switch to green energy projects, observing specifically the way these meetings are led and how assignments are delegated between departments
- Learnt business jargon and got familiarised with a professional working environment



ACADEMIC ENRICHMENT

Algorithm Course

June 2023 – Ongoing

- Learn about data structures with C before analyzing greedy algorithms and machine learning algorithms
- Use these skills to analyze and attempt to solve NP-hard problems, and simultaneously promote algorithmic thinking skills and further coding capabilities

Kadir Has University: Augmented Mechanics Course

July 2023

- Listened in on lectures from Emeritus Prof Nihat Berker about the range of physics, vectors, motion, laws of gravity, friction, kinetic energy, rocket action, and more
- Prepared daily assignments and took daily exams where physics problems were to be analyzed, solved and then proven in writing

Immerse Residential: Oxford Creative Writing Summer Course

Summer 2022

- Developed creative writing skills and learnt about writing forms and fiction writing skills such as plot and character development from Oxford colleges with 50% scholarship
- Went on trips to cultural and recreational spots in Oxford to find inspiration for freeform creative writing sessions



EXTRACURRICULAR ACTIVITIES

Designer and Mechanic | [TED Robotics Club](#)

2021 – Ongoing

- Attend weekly meetings where mechanics and programmers of the club consult with each other on how to proceed with our robots based on previous performances, reporting on previous weeks' progress and refining future plans
- Brainstorm with the mechanics group on the physical design of our robots and finalise what parts we need to procure through sponsors or 3D printing, discuss which sponsors to reach out and how
- Draw up our robot designs using CAD software such as Onshape and Fusion 360 as one of the few club members familiar with their use
- Competed in the First Robotics Competition held in Istanbul, Turkey in March 2023

Pianist and Drummer

2011 – Ongoing

- **Pianist:** Privately tutored for 12 years, play in a jazz band alongside classmates accompanying with contrabass, cornet, trumpet and drums, performed in school events
- **Drummer:** Privately tutored for 9 years, play in a rock band alongside friends accompanying with lead guitar, rhythm guitar and vocals

[Immerse Education Blog Competition](#)

June 2023

- Won a 50% scholarship as a runner-up for my blog article on why generative artificial intelligence technology will be the next industrial revolution

[Model United Nations Youth Parliament Conference](#)

2021

- Represented the school solo as part of the Culture Community

[Sait Faik Abasiyanik Poetry Competition](#)

2021

- Ranked second in the poetry competition on the theme of freedom during the pandemic



VOLUNTEERING

Physics Tutoring for Earthquake Survivors

February 2023 – Ongoing

- Assist one of the earthquake victim students who transferred to TED College to adapt to the new environment so they can continue their education
- Give private physics lessons and weekly English sessions to help them translate their previous course knowledge taught in Turkish to the English lectures of TED College

Solfege Tutoring for Children with Hearing Disabilities

Ongoing

- Give music lessons to children with hearing disabilities, helping them find their hearing ranges and customising solfege lessons according to their abilities



SKILLS AND HOBBIES

- Tennis (Formerly licensed player)
- Dance (Formerly ballet and contemporary)
- Onshape; Fusion 360
- English ([IELTS 7](#))
- Turkish (Native)
- Spanish ([DELE](#) Intermediate)