

Irem Naz Celen

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EDUCATION

New York University Abu Dhabi, Abu Dhabi, UAE, *current GPA: 3.66* May 2025
Majoring in Computer Engineering with a minor in Interactive Media

Bahçeşehir High School, Kocaeli, Turkey, International Baccalaureate (score 43/45) May 2021

Frederiksborg Gymnasium, Hillerød, Denmark August 2018-June 2019
Exchange year in Denmark, studied at a public high school for a year, self-learned Danish, experienced and immersed inside a culture through connecting with local students and host family.

WORK EXPERIENCE & AWARDS

Teaching Assistant at NYU Abu Dhabi, Abu Dhabi, United Arab Emirates
Computer Programming for Engineers (ENGR-UH 1000) January 2023-current

- Assisting 34 student for 3 hours programming laboratory as weekly responsibility.
- Supervising of quiz grading process weekly alongside of holding weekly office hours.

NYU Abu Dhabi Clinical AI Lab, Abu Dhabi, United Arab Emirates
Laboratory Research Intern April 2023-current

- Shadowing projects, joining lab meetings and baseline machine learning practices.

NYU Abu Dhabi Naumov's Materials Lab, Abu Dhabi, United Arab Emirates
Laboratory Research Intern May-July 2022

- Acquired asphaltene product from crude oil specimen 3+ times.
- Conducted 40+ company and scientific paper reviews on sensing techniques, to be used in projects.
- Mastered techniques in 6 spectrometry machines such as, Gas Pycnometer, QCMD, ESR/EPR, UV-VIS etc.

National Research Project Competition 2021, Area: Mathematics, Turkey May 2021
National Finalist, 1st in the Region, Top 21 in the Country

- Optimized mathematical approach on packaging of mass distributed long-life food forms.
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LEADERSHIP, VOLUNTEERING & COMMUNITY INVOLVEMENT

weSTEM 2022-23 High School Conference, Head of Partnerships; weSTEM, Head of Outreach at NYUAD

- Leading programming for womxn in STEM areas through workshops, round tables, and field opportunities, in contact with leading female scientists of UAE such as Professor Hoda Al Khzaimi.
- Establishing a high school conference for 80+ high school students in UAE.

Ecoherence 2023, Treasurer, NYUAD

- Preparing 7+ events on the theme of sustainability such as usage of reusable take boxes, veg- eating and cooking challenges, taking care and bringing connection to environment through flower planting and talks.

iGEM 2023 Team Member, iGEM NYUAD

- Assisting in diagnostic device design and with Analytical Chemistry expertise in 10+ tools, brainstorming project ideas from 20+ initial ideas, and leading outreach by giving Arduino workshops for UAE high schoolers.

Erasmus+ Youth Exchange, "Treat The Trees", Komotini, Greece August 2022
Participant of Turkey, with other participants from Italy, Spain and Romania

- Collaborated with local leaders in Komotini on structures of recycling, traditional farming and pesticide control.
- Carried out worked together on 6+ missions, such as designing an NGO, led discussion on environmentalism by connecting with 4 nations and 6 cultures from Europe and South Asia that are represented.

Community Service Club, Bahçeşehir High School, Turkey September 2019-June 2021
President

- Led the advocacy for sustainability through school wide presentation for 300+ attendees.
 - Initiated fundraising to finance pre-school education by a secondhand sale for 200+ items.
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SKILLS

Languages: Turkish, Native Fluency; English, Native Fluent; Danish, Intermediate; German, Beginner.

CS: Google Workspaces; Slack; Canvas; Coding: C++, Python, MATLAB, Arduino, p5.js (JavaScript), R, Github.