# SELIN OZSARACOGLU

## CONTACT

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🌐 American, Turkish

## SKILLS & COMPETENCIES

- Python, HTML, CSS, Javascript, SQL, TypeScript programming languages
- Leadership and mentoring
- Time management
- Problem solving
- Team co-ordination
- Critical thinking
- Piano-playing, sight reading
- Passionate reader
- Presentation skills
- Teaching skills

## SPOKEN LANGUAGES

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|---|---|
| English | Fluent |
| Turkish | Fluent |
| Spanish | Advanced |
| Arabic | Conversational |

## EDUCATION

Dubai International Academy Emirates Hills - Class of '25

UMass Amherst (Honors College) - Class of '29

## NOTABLE ACADEMICS

**International Baccalaureate**

| | |
|---|---|
| Middle Years Program | 47 |
| Diploma Program | 31 |

## PROFESSIONAL PROFILE

I am currently an Honors Computer Science (BS) student at UMass Amherst, specializing in robotics and cybersecurity. I enjoy utilizing my free time by reading novels; researching about medicine, psychology, and law; coding; playing the piano; and solving puzzles.

## KEY ACCOMPLISHMENTS

**Awarded *Best Innovation Project* in First Lego League '22**
Competed internationally in the Final Round of FLL 2022, held in Rio De Janeiro with over 70 countries

**Developed and led Computers & Coding and Business & Tech Courses for underprivileged children in Kenya ('23-'25)**
Taught classes to an underprivileged school in Thika, Kenya and the Hope Orphanage Organization in Tanzania. Hosted a trivia night at school to fundraise a computer lab for the school. Later received the Charity Award trophy during annual Secondary School Awards at DIA for the cause. Developed an online platform with lesson content and forums at dxbselin.wixsite.com/tech-hub.

**Awarded 1st place in Robot Football Competition '22**
Built and controlled a robot with DIA team at an Innoventures Schools competition among 5 secondary schools

**Founder of the Python Programming Club at DIA ('21-'23)**
Led members to obtain Python Institute's official certificate

**Founder of the Web Development Club at DIA ('23-'24)**
Led members to develop their own portfolio websites by teaching User Experience, HTML, CSS, and Javascript topics

**Founder of The World of Programming club at DIA ('23-'24)**
Introduced a wide range of contemporary programming languages like HTML, CSS, JS, Java, Python, R, SQL, C, and Swift.

**DI@TECH 2023 Hackathon Host ('23)**
Hosted a 6-hour inter-school Hackathon during the annual DI@TECH 2023 event

**CEO of Selin's Book Reviews – a website with self-published reviews ('23-Current)**
Designed and published a book review website with over 30 book reviews at dxbselin.wixsite.com/selins-reviews

**CEO of Selin's UX/UI reviews ('23-'25)**
Programmed and developed content for a bi-weekly blog entailing reviews of globally renowned websites at uxuireview.com

**Year 13 Prefect – Leadership Team ('24-'25)**
Mentored and organized activities for a class for over a year while handling responsibilities such as autism awareness presentations as well as dyslexia and ADHD awareness workshops. Notably won the Prefect Award at graduation.

**Student of the Year ('19, '22)**
Won the Academic Student of the Year award in Years 7 and 10

## ACCOLADES

**DI@TECH Special Innovation Award ('22)**
Won the *Special Innovation* award in the DI@TECH
Robotics and Design competition

**DI@TECH Product Design Project Competition ('22)**
Won the *Runner Up - DI@TECH Product Design
Competition* award

**DIA End of Year Awards - ('22)**
Excellent Achievement - Product Design
Excellent Achievement - UAE Social Studies
Excellent Achievement - Business Studies
Excellent Achievement - Spanish Phase 3 – Proficient

**End of Year Awards: Principled ('22)**
Won the Principled award for demonstrating the IB
Learner Profile attribute for year group

**Intro to User Experience Design–Coursera ('22-'23)**
Obtained the Introduction to User Experience Design
course certificate offered by GeorgiaTech after passing
the exams with a score of 97%

## HACKATHONS

**HackMIT — Rebi ('25)**
Developed Rebi, an AI-powered memory companion that stores, recalls, and emotionally contextualizes personal
experiences using Gemini API, designed to support memory retention and empathetic human-AI interaction.

**HackHarvard – MedMinder ('25)**
Created MedMinder, a computer vision-based medication tracking app promoting adherence and accessibility;
integrated AI reminders and data visualization to enhance healthcare reliability and patient empowerment.

**MakeCU25 Robotics Hackathon – Dronalist ('25)**
Built Dronalist, an autonomous journalist drone using AprilTags, ElevenLabs, and Gemini AI to safely record,
transcribe, and question subjects—bridging robotics, journalism, and ethical artificial intelligence.

## DEBATE/MUN EXPERIENCE

**DIAMUN - Delegate of Spain, UNESCO ('22)**
Participated in DIAMUN's conference as Delegate
of Spain in the UNESCO specialized committee

**Crimson Education's MUN conference ('23)**
Won the Committee Award as the Delegate of
South Africa in Crimson's first MUN conference,
demonstrating "public speaking and policy skills"

**Crimson Education's MUN conference ('23)**
Participated in Crimson Education's second Model
UN debate as Delegate of USA

**DIAMUN - Delegate of Australia, GA1 ('23)**
Participated in DIAMUN's three-day face-to-face
debate conference as Delegate of Australia in the
First General Assembly committee

**DIAMUN - Chairwoman, GA4 ('24)**
Co-hosted and organized debate, marked position
papers, and amended resolutions

## JOB EXPERIENCES

**One year internship at CK Architecture Interiors ('21-'22)**
Interned at Cem Kapancıoğlu Architecture Interiors in the
Technology & Finance department for a year

**Three week internship at Bates Pan Gulf ('23)**
Interned at BPG Dubai in the Technology department
for three weeks. During this time, I worked on projects
such as developing websites for Momstore, BPG,
COP28, the Kuwait elections, and projects involving
Uber Turkey, Darna, Miral, and Innoventures Schools

**Three month internship at p5play ('23)**
Interned at p5play (a physics simulation website using
OOP) to develop a gallery page for their projects on
their website for six months. The page is live at
p5play.org/play

**Two year internship at Playbook ('23-'25)**
Interned at UAE-based F&B start-up Playbook
beginning December 2023, and ending May 2025 in
the telesales department. Aided with the
diversification of the company to London, updated the
app's offers, deals, and information directly through a
panel, completed market analysis research, and wrote
articles for the firm's website.

## CAMPS AND PROGRAMS

**Summer Program in Automation, Robotics, and Coding at
New York University (NYU) Tandon ('24)**
Participated in a rigorous summer program at NYU. Attended
lectures in mechatronics and electronics, built
electromagnetic circuits, coded in Arduino, a C++ library, and
wrote commands for various sensors for two weeks during
summer of 2024

**Summer Immersion Program with Girls Who Code and
Blackrock International ('24)**
Participated in Girls Who Code's Summer Immersion Program
with Blackrock for 2 weeks; developed 4 games and a final
project with a javascript library in summer of 2024

**Mobile App Summer Program with Kode With Klossy ('24)**
Participated in Kode With Klossy's two week summer
program in Mobile App Development; developed a budgeting
and money-organizing application with teammates on XCode
with Swift during summer of 2024