

# CEREN YURTLU

Computer Engineering Student

(+90)5317305091

cerennyurtlu@gmail.com

LinkedIn / Medium / Github

Istanbul / Turkey

## ABOUT ME

Passionate technology enthusiast with a strong background in AI, leadership, and project management. Experienced in **software development, machine learning, and sustainability-driven** initiatives. Proven success in hackathons and innovation projects. Aiming to leverage technology to create meaningful impacts through cutting-edge solutions.

## EXPERIENCE

### Digiway

March 2025 - Jun 2025

#### Software Developer Intern

- Developed backend services and RESTful APIs using **.NET technologies**.
- Supported **database management** and optimized server-side performance.
- Collaborated with frontend developers to ensure seamless integration.
- Participated in **Agile** practices including sprint planning and code reviews.

### Bluearf

Nov 2024 - Jan 2025

#### Machine Learning Intern

- Built **AI-driven models** for predictive analytics, automation, and real-world applications.
- Developed **deep learning solutions** for image classification and **NLP-based tasks**.
- Created scalable **machine learning pipelines**, ensuring seamless deployment and integration.
- Conducted advanced **feature engineering** and model optimization, improving accuracy and performance.

### Vepara Elektronik Para ve Ödeme Hizmetleri A.Ş.

Jul 2023 - Sep 2024

#### Software Developer Intern

- Developed a **Virtual POS application** using Flutter & Bloc Architecture, optimizing payment processing.
- Designed and executed 200+ automated test scenarios for the Digital Wallet using SpecFlow.
- Contributed to the **Wallet as a Service (WAAS)** initiative, integrating real-time P2P payments & transaction automation.
- Enhanced API interactions and debugging processes using Postman, improving system reliability.

## EDUCATION

### Duzce University

2021 - 2025

#### Bachelor's Degree in Computer Engineering

Graduation project on developing an AI-based system for detecting fraudulent patterns in financial transactions using machine learning techniques.

Founder & President of the Young TEMA Club, where I led campus-wide sustainability campaigns, mobilized over **4200 signatures**, and contributed to the adoption of the university's **Climate Action Plan**. (2024–2030).

## ADDITIONAL TRAINING & CERTIFICATIONS

### Aspire Institute

March 2022 - 2025

#### Harvard Faculty Mentorship Program

- Selected for a **prestigious mentorship program** led by Harvard faculty, **focusing on leadership**, career development, and global impact.
- Engaged in interactive workshops, leadership case studies, and one-on-one mentorship with industry experts.
- Developed strategic thinking, **problem-solving skills**, and **networking capabilities** to enhance career growth.

### Miuul

Sep 2024 - Nov 2024

#### Data Science & Machine Learning Bootcamp

- Completed an intensive training program covering end-to-end data science and **machine learning workflows**.
- Gained expertise in **Python**, **Pandas**, **NumPy**, and **advanced machine learning algorithms (KNN, GBM, XGBoost, etc.)**.
- Developed hands-on projects in **customer segmentation**, **churn prediction**, **hybrid recommender systems**, and **A/B testing**.
- Worked with **SQL**, **PowerBI**, and **feature engineering techniques** for real-world business applications.

**Trainee**

- Successfully completed a **450-hour intensive training program** focusing on Flutter development, project management, and entrepreneurship.
  - Built **mobile applications using Flutter**, implementing best UI/UX practices.
  - Completed **Google's Project Management Program** and gained proficiency in Agile methodologies and product lifecycle management.
  - Engaged in technology entrepreneurship training, enhancing skills in business planning and innovation.
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**VOLUNTEERING & COMMUNITY INVOLVEMENT****Yetkin Gençler**

Jul 2023 - April 2025

**Software Development Team Leader & Technical Leader**

- Led the development of GirişGen, a web-based entrepreneurship training platform, improving accessibility and efficiency in education.
- Designed and implemented front-end & back-end systems for real-time interaction and content management.
- Developed **automation tools & Discord bots** to streamline organizational processes and enhance user engagement.
- Organized technical training programs & mentorship sessions to empower young developers.

**İklim Öncüleri**

Feb 2022 - March 2025

**Research Committee Facilitator**

- Led research efforts on **climate change, sustainability, and policy development**.
- Wrote scientific reports and articles to raise awareness on environmental sustainability.
- Organized and facilitated workshops on **climate action and green technologies**.

**Düzce University Google Developer Student Clubs**

Sep 2022 - Jul 2023

**Core Team**

- Managed communication and sponsorship efforts for university-based Google developer events.
- Served as **Teknofest Captain**, leading Team KATAY in developing a post-earthquake communication app, which became a finalist in the TEKNOFEST Humanitarian Technologies category.
- Held key roles as **Design Team Coordinator, Hackathon Team Leader, and Organization Team Member**.
- Organized major events such as Info Sessions, Düzce Devfest, Compose Camp, and Coffee Talk sessions.

**Global AI Hub**

Mar 2022 - Jul 2023

**Core Member**

- Contributed to AI education by translating the **open-source book "The Turing Way"** into Turkish.
- Provided **mentorship in AI bootcamps**, including Python Bootcamp, AI Summer'22, and Deep Learning Bootcamp.
- Assisted in streamlining participant experiences through mentorship and structured learning modules.

**European Union Delegation to Turkey**

Oct 2021 - Nov 2022

**Climate Envoy**

- Selected as a Climate Ambassador under the EU-Turkey partnership.
- Participated in sustainability projects focusing on **environmental policy and youth engagement**.
- Contributed to workshops on the European Green Deal and climate crisis solutions.

**Young Guru Academy (YGA)**

Mar 2022 - Feb 2023

**Science Volunteer**

- Participated in **The Global Impact University program**, aimed at empowering students to tackle global challenges.
  - Developed skills in **marketing, sales, coding, program development, and data science** through YGA courses.
  - Organized **science education sessions** to inspire underprivileged children and foster a love for science.
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**AWARDS & ACHIEVEMENTS**

- **Kriz İletişim Hackathonu (2023)**: Developed an AI-powered disaster management system and won **Honorable Mention**.
- **Hack to the Future (2023)**: Designed a biometric authentication system for banking, winning **1st place in Most Global Solution**.
- **THY Fintech Competition (2023)**: Became a **finalist** with MilCoin, an AI-based airline loyalty program.
- **Hackathon for Social Benefit (2022)**: Developed a water management solution, securing **5th place**.
- **ClimateX Turkey (2022)**: Built Wet Foot, an AI-driven water conservation startup, reaching **semi-finals**.
- **STARTAP Fintech (2022)**: Created a crypto-focused social media platform and won **1st place**.
- **Global AI Hub AI Scholar (2022)**: Selected as one of the **top 10 scholars** among 1,700 applicants.