NAZIM HAN

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CAREER SUMMARY

I began my academic journey in Geomatics Engineering at Yıldız Technical University, where I ranked first in my department before transferring to Electronics and Communication Engineering. As a second-year student, I am dedicated to innovation and lifelong learning, striving to make a meaningful impact in science and society.

EDUCATION

Yıldız Technical University   **2024-Present**
Bachelor of Science in Electronics and Communications Engineering   **GPA: 3.20**
- Aiming to specialize in electromagnetic theories, embedded systems, and signal processing to contribute to next-generation communication technologies.
- Planning to enhance practical skills through TÜBİTAK 2209-B and TUSAŞ LiftUp projects while developing proficiency in Python, MATLAB, and C.

Yıldız Technical University   **2022-2024**
Bachelor of Science in Geomatics Engineering   **GPA: 3.42**
- A 4.00 GPA was maintained in the preparatory class, and representation of students as the School of Foreign Languages Student Representative was undertaken.
- The first year was completed with first place in the department and faculty.
- Transfer to Electronics and Communication Engineering.

WORK EXPERIENCE

Türkiye İş Bankası (ISBANK)   **2025, May – 2025, Jun**
New Generation Banking Simulation Program Trainee
- Scenario-based customer behavior simulations were conducted by creating parametric behavioral models using customer segmentation criteria and demographic variables.
- Risk-related figures were supported during the credit allocation process.
- Banking transactions (EFT, wire transfers, POS) were monitored for timely completion, and system performance observations were reported.

YTU Image Processing in Artificial Intelligence Research Group (IPAI)   **2023, Sep – 2024, Nov**
Team Member

- AI-driven image processing projects were contributed to, focusing on data preprocessing, segmentation, and classification techniques.
- The implementation of Convolutional Neural Networks (CNN) models was assisted, supporting data labeling and validation processes.
- Real-world problem-solving scenarios were engaged in, applying deep learning methodologies to optimize image recognition accuracy.

LEADERSHIP EXPERIENCE

Yıldız Technical University Dean of Students   **2023, Jun - Present**
Peer Counselor

- Individualized academic and social counseling was provided to university students, with a focus on adaptation strategies and personal growth.

Yıldız Technical University Chess Club   **2022, Nov - Present**
Board Secretary – Founder Member

- Human resources, event planning, and administrative tasks were managed as a founding member.
- International chess tournaments with over 100 participants were organized, and recruitment strategies were implemented, boosting membership by 30%.

İstikbal Haritası   **2022, Jun - Present**
Founder

- An online platform was created to enhance university students' academic development by providing access to internships, scholarships, and events, reaching 8,000 users in the first year.
- Facilitated networking and career growth opportunities by curating resources and hosting interactive sessions for students across various disciplines.

Yıldız Technical University Geoinformatics Club   **2024, Jun – 2025, Jan**
President

- Seminars and workshops were led to promote Geomatics Engineering, engaging over 400 participants.
- Partnerships were established with industry professionals to increase awareness of geomatics applications.

Yıldız Artificial Intelligence Community   **2022, Jun – 2024, Sep**
Founder

- An AI-focused ecosystem was established to promote AI culture and awareness.
- AI-driven chatbots and an automated notification system were developed via Telegram, enhancing student engagement and communication.

CERTIFICATIONS & CORE SKILLS

- Mef University Yetgen Training Certificate
- EU Digital Literacy Ambassador Certificate
- TMMOB-HKMO Software Camp Certificate
- ITU Management Sciences Congress
- YTU Cyber Security Training Certificate
- Bogazici University Data Science Summit
- Bogazici Institute Chess Strategies Certificate
- TFF Fairness Perspective Certificate
- ISBANK Banking Simulation Certificate
- OrCAD
- LTspice
- Logisim
- Python
- C
- Matlab
- UAV-1 Commercial Pilot License

EVENTS & ACHIEVEMENTS

- Yıldız Technical University, Geomatics Engineering (BSc, 2024) – 1st place, GPA: 3.42
- Organized TMMOB-HKMO 20th Summer Training Camp (2023) – 100+ Participants
- Completed TMMOB-HKMO Winter Software Camp (2022) – Software Development and GIS Tools
- Solved complex monthly math challenges (2021-2022) by Izmir Institute of Technology
- Engaged in educational utopia writing, earning opportunities at Nesin Mathematics Village

REFERENCES

- *Assoc. Professor* **Peyman Mahouti (pmahouti@yildiz.edu.tr)**
Yıldız Technical University, Vice President of Electronics and Communications Engineering Department

- *Professor* **Tamer Yılmaz (tyilmaz@yildiz.edu.tr)**
Yıldız Technical University Rector 2020-2024, Department of Naval Architecture and Marine Engineering

- *Professor* **Bülent Bayram (bayram@yildiz.edu.tr)**
Yıldız Technical University, Department of Geomatics Engineering

- *Professor* **Fusun Balık Şanlı (fbalik@yildiz.edu.tr)**
Yıldız Technical University, Department of Geomatics Engineering

This CV includes attachments issued by Yıldız Technical University, namely the department ranking certificate, English proficiency certificate, and a letter of reference, which will be shared upon request.