Adem Alperen Arda

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Profile

Throughout my academic journey, I have developed a strong foundation in programming through various projects and achievements. Currently, as a third-year student, I am focusing on data preprocessing, data analysis, model creation, machine learning and deep learning.

Employment History

Research Assistantship   **Kocaeli University Embedded Systems Laboratory**
September 2024 – October 2024   *Kocaeli, Turkey*

I gained experience in image processing and data analysis and had the opportunity to learn more from my professors at school. Competencies: Machine Learning, Deep Learning, Computer Vision, Data Analysis

Software Team Member   **KOU Rover**
September 2023 – September 2024   *Kocaeli, Turkey*

As a Software Team Member at KOU Rover, I improved my skills in data analysis, Python programming, algorithms, ROS2, and teamwork. I contributed to our 1st place win at TEKNOFEST Digital Technologies in Industry with an AGV project, focusing on algorithm development, data analysis and interface design. Competencies: Python, ROS2, Problem Solving, Ability to Multitask, Ability to Work in a Team

Intern (Volunteer)   **Modernistasyon Technology**
April 2023 – July 2023   *Edirne, Turkey*

From my first year, I had the opportunity to connect with professionals in the software industry and gained valuable insights from them. In addition to learning the basics of Python, I gained experience in Django web development and SEO copywriting. Competencies: Python, Pandas, Django, Problem Solving

Education

Bachelor of Science (BSc) in Computer Engineering   **Kocaeli University**
September 2022 – Present   *Kocaeli, Turkey*

Currently a 3rd-year student. Worked on programming, algorithms, image processing, and mostly data science. Achieved 1st place at Teknofest with KOU Rover technical team.

Skills

Core Skills

- **Programming Skills: Python, C, C#**:
- **Python**: Certificate Link
- **Deep Learning**: Certificate Link
- **Image Processing**:
- **Computer Skills**:
- **Hard Working**:
- **Data Analysis: Python, Pandas, Machine Learning, Deep Learning**:
- **Machine Learning**: Certificate Link
- **Pandas**: Certificate Link
- **Problem Solving**:
- **Ability to Work in a Team**:
- **Ability to Multitask**:

Familiar Skills

- **C Programming Language**: Certificate Link
- **C# Programming Language**: Certificate Link
- **Qt**:
- **Linux**:
- **ROS 2**: Certificate Link
- **Web Development**: Certificate Link

Languages

English: Upper-Intermediate proficiency (B2)
Turkish: Native
Deutsch: Elementary (A2)

Projects

KOU Rover AGV Autonomous Vehicle: I contributed to the autonomous AGV project with interface design and data visualization. Our team won first place at Teknofest SDT.
https://www.linkedin.com/company/kou-rover/posts/?feedView=all

My website I developed: My portfolio website showcasing my projects and skills: www.ademalperenarda.com
https://ademalperenarda.com/

All the projects I completed during my college life: Developed a range of projects from small to large-scale; including database systems, web applications, mobile apps etc.
https://github.com/anonymo2239?tab=repositories

References

Yasin Özçil: Inn Savunma Export Manager
yozcil@bayunder.com
0545 685 76 44

Birol Arifoğlu: Assistant Professor of Electrical Engineering / KOU Rover Advisor
barif@kocaeli.edu.tr

Achievements

TEKNOFEST 2024 / Ranked 1: Our team won first place at Teknofest 2024 SDT
https://www.linkedin.com/feed/update/urn:li:activity:7249189093241196544/

Graduated as 3rd in YKS at highschool.: I graduated as the 3rd in YKS in my first year at Edirne Project High School.