

Ahmed Imam Shah

Graduate Student

Solutions-oriented student motivated to research in the field of machine learning and computer vision systems.

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EDUCATION

M.S. Computer Science and Engineering Koç University

10/2020 - Present

Istanbul, Turkey

Courses

- Deep Learning
- Computer Vision

B.S. Electrical and Electronics Engineering Bilkent University

01/2016 - 06/2020

Ankara, Turkey

Projects

- Visual odometry aided inertial navigation system for autonomous vehicles
- Image Captioning Model based on LSTM using TensorFlow

Erasmus+ Exchange Program AGH University of Science and Technology

02/2019 - 06/2019

Krakow, Poland

PROJECTS

Visual odometry aided inertial navigation system for autonomous vehicles

Image Captioning Model based on LSTM using TensorFlow

Desktop Application “Dr. Budget” – a Budget Calculator coded using Java

WORK EXPERIENCE

Teaching Assistant Koç University

10/2020 - Present

Istanbul, Turkey

Responsibilities

- Preparing slides and course packages for courses.
- Leading DS and PS sessions.
- Holding office hours to answer students’ questions.

R&D Intern Arçelik A.Ş.

07/2018 - 08/2018

Istanbul, Turkey

Arçelik A.Ş. is the leading household appliances manufacturer in Turkey.

Project

- Desktop application for detailed analyzing and graphical representation of data acquisition (uDAQ) files by using C# language.

SOFT SKILLS

Verbal and Written Communication

Leadership

Teamwork

Critical Thinking

Research

Problem Solving Ability

Technical Documentation

TECHNICAL SKILLS

Programming and Computing

MATLAB, Python, Julia, Java, C++, C#, VHDL, SQL

Artificial Intelligence Tools

PyTorch, TensorFlow, Keras, CNN, Google Colab, Jupyter Notebook

Electronics and Simulations

Arduino, FPGA, SPICE, Circuit Design and Implementation, Network Simulation on Packet Tracer, Instrumentation and Electrical Measurements

Office Suite

Mastery of Microsoft Office programs (Access, Word, Excel, PowerPoint)

ACTIVITIES

Toplumsal Duyarlılık Projeleri (TDP) (2016 - 2019)

Active Member of TDP in UYP Project for aiding Syrian Refugees in Ankara.

PASCH Student Camps for German Language

India (2013) and Germany (2011) sponsored by Goethe Institute

ACHIEVEMENTS

AI Fellowship at Koç University

Full Scholarship at Bilkent University

Brain of Aitchison (2015)

Annual General Knowledge Quiz Competition

College Prefect and House Captain at High School (2014 - 2015)

Developed and maintained cordial relationships with principal, teaching staff and students.

LANGUAGES

English



Urdu



German



Turkish

