



## Yusuf Aslan

**Date of birth:** 22/11/2001 **Phone number:** (+90) 5078350496

**Email address:** [yusuufaslan19@gmail.com](mailto:yusuufaslan19@gmail.com)

**LinkedIn:** <https://www.linkedin.com/in/yusuf-aslan-47052b1b6/>

**Other:** ITU Vadi Dormitories, ITU Ayazağa Campus, Sarıyer / Istanbul, 0034467 Istanbul (Türkiye)

### WORK EXPERIENCE

#### IT Project Student

**BSH Home Appliances Group** [ 04/09/2023 – Current ]

City: Istanbul

Country: Türkiye

Working as a Part-time Working Student at the Product Content Management Department at BSH

As a project student at BSH Home Appliances Group my responsibilities are: being handed over the implementation of the WIRE Project's (Microsite that provides AR / 3D Models of the products) backend and frontend development on AWS Cloud; strengthening my cloud expertise with AWS training from **Commencis**; managing database operations using Oracle SQL to provide multilingual product data globally, while also handling infrastructure monitoring with Datadog, software deployments via Jenkins; integrating innovative Generative AI solutions like natural language processing chatbots; working within Agile and Kanban frameworks to contribute to efficient workflows and iterative development processes.

#### Skills:

- Amazon Web Services [AWS] (Lambda, API Gateway, CloudFront, SNS, SQS, S3, DynamoDB, RDS, VPC, EC2, ECS, CloudWatch, IAM, ACM Elastic Beanstalk); Full-Stack Development (MERN Stack - MongoDB, Express.js, React.js, Node.js, Tailwind CSS); RESTful services and API's, Postman; GitHub, GitHub Actions, Jenkins; Agile way of working, Kanban; Jira, BitBucket, Confluence; Oracle SQL; Datadog

#### iOS Developer - Intern

**OBSS** [ 17/07/2023 – 20/08/2023 ]

City: Istanbul

Country: Türkiye

Developing mobile applications running on the iOS environment.

#### Undergraduate Research Assistant - Part-Time Software Developer

**TÜBİTAK BİLGEM** [ 11/11/2022 – 04/02/2023 ]

City: Kocaeli

Country: Türkiye

Working on Air Traffic Control Management Unit in TÜBİTAK BİLGEM.

#### Software Development Intern

**ASELSAN** [ 18/07/2022 – 12/08/2022 ]

City: Ankara

Country: Türkiye

Creating some Graphical User Interface (GUI) programs with Python.

## Software Team Member

**ITU ROV Team** [ 10/09/2021 – Current ]

City: Istanbul

Country: Türkiye

Implementing software programs about image processing using Python's OpenCV library.

Achievements with my team:

4th place - 2022 MATE ROV World Championship General Category

3rd place - 2022 MATE ROV World Championship Technical Documentation and Engineering Presentation

1st place - TEKNOFEST 2022 Unmanned Underwater Systems Advanced Category

Most Original Design award - TEKNOFEST 2022 Unmanned Underwater Systems

## EDUCATION AND TRAINING

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### 4th Grade Computer Engineering Student (GPA: 3.78 / 4.00)

**Istanbul Technical University** [ 19/08/2019 – Current ]

Address: Istanbul Technical University, Maslak, 34467 Sarıyer/İstanbul, 0034467 Istanbul (Türkiye)

Website: <https://www.itu.edu.tr/>

### Diploma Grade: 96.54 / 100

**Ulubatlı Hasan High School** [ 01/09/2015 – 01/06/2019 ]

City: Bursa

Country: Türkiye

Website: <https://uhal.meb.k12.tr/>

## LANGUAGE SKILLS

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Mother tongue(s): **Turkish**

Other language(s):

**English**

**LISTENING C1 READING C1 WRITING C1**

**SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## DIGITAL SKILLS

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AWS Cloud / AWS Services / Python / C++ / C / Java / Swift (iOS) / SwiftUI / JavaScript / NodeJS, Express.js / Node.js, React.js / CSS / Tailwind CSS / HTML / Haskell / Verilog / Cloud Systems / Mobile application Development / Backend Development / Web Application Development / Frontend Development / Git, GitHub and Version Control / Git / Jira / Atlassian (Bitbucket, Confluence, Jira) / Agile Methodologies (Scrum Kanban) / Jenkins / Database Systems / MongoDB / PostgreSQL / Oracle SQL / MySQL / SQLite / Redis (basic) / Object Oriented Programming / Knowledge of Data Structures and Algorithms / Data Structures / Linux / Linux (Terminal Commands, Bash/Shell) / Docker / Kubernetes / Computer Vision / OpenCV / Machine Learning / Python, Scikit-Learn, Numpy, Matplotlib / Deep Learning / Tensorflow, Keras, Pytorch, sklearn / REST API / Postman / RESTful Services / REST / MVC, MVVM / XCode / Datadog / Software Testing / Software Design Patterns / AWS Lambda, API Gateway, CloudFront, SNS, SQS, S3, DynamoDB, RDS, VPC, EC2, ECS, CloudWatch, IAM) / Google Firebase / Computer Communications / Operating Systems / Computer Organization & Architecture / Functional Programming / PyQt

## HONOURS AND AWARDS

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### High Honour List

Istanbul Technical University Computer Engineering Department

I have 3.78 GPA out of 4.00, therefore I am on the High Honour List determined by my faculty.

### MATE ROV awards as Software Team Member at ITU ROV Team

MATE ROV World Championship 2022 [ 01/07/2022 ]

As I explained in work experience section, I have had the following achievements with my team:

4th place - 2022 MATE ROV World Championship General Category

3rd place - 2022 MATE ROV World Championship Technical Documentation and Engineering Presentation

### TEKNOFEST awards as Software Team Member at ITU ROV Team

TEKNOFEST - Unmanned Underwater Systems [ 05/09/2022 ]

1st place - TEKNOFEST 2022 Unmanned Underwater Systems Advanced Category

Most Original Design award - TEKNOFEST 2022 Unmanned Underwater Systems

## HOBBIES AND INTERESTS

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### Amateur Football Player at Bosch Sports Club

I played for Bosch Sports Club in amateur football leagues in Turkey for 6 years, before I started my university education.

### Amateur Volleyball Player

Before my football experience, I was playing volleyball in younger age groups for 2 years.

### Watching films, TV series

They are cliché hobbies but I would like to mention about them.

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