

Egemen Gulpinar

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EDUCATION

Bradford University

Bradford, United Kingdom

Bachelor's Degree, Computer Science; GPA: 4.0/4.0

Sep 2021 – Feb 2022

Certificate of Continuing Education

University of Bradford Union of Student, Academic English Support Course

Mersin University

Mersin, Turkey

Bachelor of Engineering, Computer Engineering GPA: 3.4/4.0

Aug 2017 – May 2021

SKILLS

Languages: Python, Go, JavaScript, SQL, MATLAB, Assembly, Bash, C/C++,

Technologies: Django, Flask, FastAPI, Node.js, React.js, MySQL, MongoDB, Git, Docker, WebRTC, Scrapy, GCP, Azure, Selenium, Qt, OpenCV, PyTorch, TensorFlow, Matplotlib, Seaborn, AWS, Oracle Cloud

Methodologies: Agile, Scrum, OOP, Functional Programming, DevOps, CI/CD

EXPERIENCE

LIVAD Technologies

Istanbul, Turkey

Software Engineer

Sep 2021 – Present, Full-time

- Expertise in spearheading the design, planning, and execution of AI-based and research projects, including the creation of web servers, frameworks, and the integration of REST APIs, Docker, and backend technologies as well as project deployment in GCP and Azure instances. Successfully led the LIVAD Studio Windows application to win two AdTech awards.
- Proficient in writing unit and integration tests, crafting comprehensive project documentation, and deploying solutions on AWS, Google Cloud, and Azure with a focus on backend pipelines. Achieved significant cost reductions in AWS server expenses through strategic automation and optimization.
- Demonstrated ability in leveraging advanced GPT models, data mining, and algorithmic tools to analyze large data sets. Developed custom deep learning models for precise task detection and integrated cutting-edge technologies like Snapchat AR and WebRTC with React for innovative solutions.

ARFE Tech (*Indie Project*)

Co-Founder, Lead Software Engineer

Sep 2023 – Present

- Creating backend system from scratch via Django REST, FastAPI and relevant tech.
- Building Generative AI pipelines to offer a unique feature in the industry.
- Building authentication system from scratch, CI/CD pipelines, building customized CDN.
- Experience in creating a new product, planning and building software structure, creating API documentation.

The Scientific and Technological Research Council of Turkey (TUBITAK) Space Technologies

Ankara, Turkey

AI Engineer Intern

Aug 2021 – Sep 2021

- Researched Image Super-Resolution Using Deep Convolutional Networks.
- Sparse Coding Based Super Resolution methods using with Deep Neural Network.

BAYKAR Technologies

Istanbul, Turkey

Volunteer AI Research and Development Intern

July 2021 – Aug 2021

- Satellite mapping, labelling and matching on World Map.
- RINEX Data Converting, Parsing and Reading. Created special library for BeiDou RINEX data.
- Found a new relationship between BeiDou RINEX Data and BeiDou Satellites movements.

METU Teknokent SFM Software Company

Istanbul, Turkey

Volunteer Software Developer

July 2020 – Jan 2021

- Creating business dashboard from scratch that customers can monetize.
- Handling Python backend development in a broad perspective.
- Gain experience with Django and REST API's.

COURSE AND CERTIFICATES

Google Introduction to Generative AI Learning Path
Coursera Use Python Unit Test to Demonstrate TDD
Introduction to Microsoft Azure Cloud Services
BAYKAR Certificate of Contribution in Artificial Intelligence Competition in Transport
Meta Back-End Developer Professional Course and Certificate | *ongoing*
AZ-104T00 Microsoft Azure Administrator | *ongoing*
AI-102T00 Designing and Implementing a Microsoft Azure AI Solution | *ongoing*

AWARDS

IAB MIXX Awards '23: In-Game Ads Gold Award Turkey
IAB MIXX Awards '23: In-Game Category Europe Finalist.
Brandverse Awards '23: In-Game Ads Silver Award.

LANGUAGE

English: CEFR - B2
German: CEFR - A2