Abdullah Özer

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CAREER OBJECTIVE

Looking to excel as a Software developer, improve my technical capabilities in order to eventually transition into a technical team leader. Test automation and backend development are the fields which interest me the most.

EDUCATION CREDENTIALS

Qualification	Academic Degree	College/University	Year
M.Sc (France)	Electronic Embedded Systems	ESIGELEC	2019
Bachelor's Degree (Turkey)	Electric and Electronics Engineering	Bogazici University	2017

PROJECTS

Django Web Development (Python) (2022)

- o Todo app to add, modify or delete lists and tasks for each authenticated user. eCommerce website to buy, display or save products. Master website to display personal portfolio as well as the Django project demos such as Pacman game, words game, count down pages etc.
- o Concepts and tools: crud, pagination, class based views, Django Rest Framework, third party apps, PostgreSQL, email setup, authentication, messages, Digital Ocean, Git, etc.

Segmentation and classification of key entities in massive point clouds of urban environments (C++ and Python) (2018)

- o Used DON (Difference of Normals) segmentation and Euclidean Cluster Extraction over a large point cloud.
- o Downsampling clusters using VoxelGrid filter, converting data into HDF.
- o Used Pointnet++ deep learning architecture to classify downsampled point cloud clusters.

Image Classification (Python) (2018)

- o Retrained Inception model using Tensorflow over a series of different types of flowers, reconfigured hyperparameters, assessed success rate.

Cleaning Robot (C) (2018)

- o Used MSP430 based board and infrared sensors in order to design a cleaning robot which moves in spirals and turns as it encounters obstacles.
- o Used Interrupts, Timers and deep loops for a precise and efficient algorithm.

RT-RK Test Suite (Python) (2017)

- o Used RT-RK test suite in order to automate black box testing of Airties set-top boxes.
- o Automated more than 50 manual tests using Python.
- o Used console commands, image comparison, optical character recognition and other such libraries.
- o Generated automatic text reports which summarized the test results.

AirBot Charging Station and Elevator (C) (2016)

- o Programmed smart charging station using sensors, motor drivers, and web communication.
- o Programmed a smart elevator for AirBot (test robot), and integrated it into the testing cycle.

EXPERIENCE

6WIND – Python Developer (Saint Quentin en Yvelines/Île-de-France) (2021-ongoing)

- o Created network topologies, product configuration and test scenarios for high-end virtual networking solutions.

Atos – Consultant Software Developer (Grenoble/France) (2019-2021)

- o Worked at STMicroelectronics as a subcontractor for two different projects.
- o Validation and test development for an RF transceiver and a VCSEL (Vertical-cavity surface-emitting laser) product.
- o Developed many software and hardware related tests and kept close contact with developers.

Trixell – Intern (Moirans/France) (2019) - Duration 6 months

- o Programmed an STM32 for a voltage controller project.
- o Developed tests and drivers in Tcl for an x-ray detector and a Cisco Router.

Airties Wireless Networks – Test Engineer (Istanbul/Turkey) (2016-2018) - Duration 2 years

- o Planned, developed and implemented test cases based on software requirements, user input and technical understanding.

AyseOren Art&Design – Intern (Istanbul/Turkey) (2015) - Duration 1 month

- o Designed a smart lighting system to manage the light intensity in a household using Raspberry Pi and sensors.
- o Participated in the preparation of Connection project which aims to create intelligent outdoor furniture for the Hello Tomorrow entrepreneurship competition.

Airties Wireless Networks – Intern (Istanbul/Turkey) (2015) - Duration 1 month

- o Designed and programmed a testing device which enables engineers to observe multiple devices' endurance against numerous reboots using relays while observing console data over USB. Added GUI using TKinter library.

Alcatel Lucent – Intern (Istanbul/Turkey) (2014) - Duration 6 weeks

- o Worked in technical support department with senior engineers to ensure providing helpful explanations to Alcatel Lucent customers from all around the world while learning network structures, procedures and protocols like TCP-IP.

SKILLS

Programming Languages
- o Python, Tcl, C++, HTML, CSS

Development Tools
- o Django, PyCharm, Jupyter, Linux, GIT, SVN, Jetbeans Space, Jenkins, Bugzilla, JIRA, React, Docker, Digital Ocean, DO Spaces, PostreSQL

Languages
- o English, French, Turkish.

EXTRA CURRICULAR ACTIVITIES

Ex-president of Boğaziçi University French speaking club.
Ex-member of student rock band called Wayne.

HOBBIES

Fitness, Football, Basketball, Ukulele, languages (currently learning Greek)Strong interest in cinema and its history.