

# YERNAR KENZHETAYEV

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## EXPERIENCE

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### Ericsson

Telco Cloud Developer

Jan 2021 - Present

*Budapest, Hungary*

- Built a **200+** vCPU traffic testing environment in Shared Cloud from scratch for 2 teams of **15+** members.
- Designed and configured a system of **10+** nodes with OpenStack, VMWare, Cloud-init, and **5+** custom Linux images with kiwiNG.
- Programmed **5+** features and automation scripts that saved 10+ manhours.
- Performed **10+** types of system tests and troubleshoot with Wireshark, tcpdump packet analysis.

### Obuda University

Research Assistant

Oct 2022 - Dec 2022

*Budapest, Hungary*

- Developed A\* path planning algorithm with a specific weighting system for drones in 3D space.
- Visualized resultant path and obstacles with matplotlib

## EDUCATION

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### Obuda University,

Mechatronics Engineering BSc

2019 - 2023

GPA: 4.5/5.0

- *Relevant Coursework:* C# Programming, Computer Networks, Programming in Virtual Reality.
- Ranked **1st** out of **16** students in the class.
- Active participant in Scientific Student Conferences with a total of 4 papers.

## PROJECTS

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### RasPi VR car *Python (Flask, OpenCV), C#, Unity 3D (Oculus SDK)*

- Remote control of mobile robot car using Raspberry Pi and Virtual Reality headset.
- The two-wheel mobile robot is controlled via the connection between Oculus Quest 2 and Raspberry Pi.

### Face tracking drone. *Python (OpenCV, djitello, dlib)*

- DJI Tello drone is controlled remotely and can autonomously track dedicated faces.

### BigmacAR. *C#, Unity3D (Vuforia AR), Blender*

- The AR project with detection of 2D and 3D objects for triggering animation and sound with virtual buttons.

## ACTIVITIES

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### Green Business Challenge /Project

- Led team of **4** people. Provided solutions for **2** companies by performing market research and bringing alternative ideas for the business model.

### UEFA EURO 2020 /Volunteering

- Responsible for supporting **20+** teams with electric equipment and responding to emergency cases.

## AWARDS

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- TDK (Scientific Student) Conference in Intelligent Systems section - **1st** out of **20+** research papers.
- JunctionX Hackathon - **1st** place among **400+** participants.
- Menin Armanym Start-up competition - **Top 16** among **500+** start-ups.

## SKILLS

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### Programming Languages:

Python, C#, Java, Bash

### Technologies:

OpenStack, VMWare, SQL, Linux, Jenkins, Git, Docker, Unity3D, Wireshark