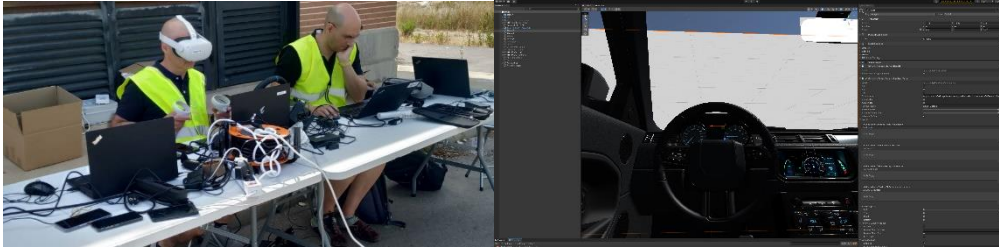


## Remote Driving Immersive Data Processing System

### Objective



At Nokia eXtended Reality Lab, we have developed a Remote Driving system using immersive applications in Unity. We are exploring how the different video encoding profiles and network conditions affect both objective and subjective experience in the end user. With this internship we aim to prepare new data and arrange existing ones to:

- Capture new video streams at different resolutions and data rates to execute offline evaluations
- Work with real-time driving tests with different configurations and capture network and video KPI while filling in questionnaires with real people.
- Automate the testing execution, including the data collection.
- Explore potential patterns and/or predictions using ML/AI

### Conditions

- 20 hours / week (flexible arrangement and remote working)
- Salary: 750 €/month
- Minimum duration 6 months (optional extension up to 12 months)
- Expected starting time: september 2022
- Location: Nokia Spain (Las Tablas), María Tubau 9, Madrid

### Requirement

- Students at finishing their BsC or MsC studies related to Computer Science, Electrical Engineering, or related. Video transmission and encoding basic knowledge are needed.
- NodeJS, Python and some knowledge about Linux and bash scripting
- Basic Unity and VR knowledge is an optional point.
- Good English level and academic marks
- Self-management, and critical thinking

### Contact

If you are interested, please send your CV, mark records and motivation letter to

[ignacio.benito\\_frontelo@nokia.com](mailto:ignacio.benito_frontelo@nokia.com) as soon as possible and no later than 15 August 2022.

