

Loïc Lestienne

Junior programmer and ICT professional looking for a job in AR/VR/Computer Graphics and cyber-physical systems

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EXPERIENCE

European Labour Authority (ELA) — BELGIUM — *ICT Assistant*

SEPTEMBER 2020 - PRESENT

- Performed vendor solution search and co-developed implementation plan for Office 365 infrastructure for new government authority
- Responsible for ICT training of new staff and developing materials to enable training for rapidly growing new government authority
- Assisted in the setup of Microsoft Office 365 tenant
- Responsible for planning and ordering of new IT equipment for ELA staff
- Responsible for assisting staff with ICT issues

European Commission — BELGIUM — *Trainee*

JULY 2019 - SEPTEMBER 2019

- Provided technical assistance for delivery of IT solutions for Commission services
- Drafted guides to facilitate staff work with AI and Text Mining
- Processed contracts for external staff
- Organised meeting and drafted minutes
- Following software was extensively used: Confluence, Sysper, Webex, Jira, Ares.

PROJECTS

Digital Agent Networking for Customer Energy Reduction (DANCER) — *Project funded by UK Research Council*

Internet of Things (IoT) platform to centralize home sensor data in order to reduce and optimize home energy efficiency.

- Implemented solution that improved data collection speed by ~240x and reliability while maintaining security provisions.
- Achieved significant energy savings by implementing watchdog registers on a new Arduino-based platform.
- Performed connection technology review and comparison for ZigBee, Bluetooth Low Energy (BTLE), Thread, LoRa, 6LowPAN, WiFi, SigFox

EDUCATION

Maastricht University — Maastricht, Netherlands

2018-2019

Completed two semesters : Master of Science : Artificial Intelligence

SKILLS

Formal training:

- C++
- Python
- MATLAB

Proficient in:

- Administrative tools for O365
- Azure Active Directory (AD)
- SharePoint
- Microsoft Teams

Performed PCB design and fabrication:

- KiCad
- Altium
- Fritzing

Experience with:

- HTML
- Amazon Web Services
- Arduino
- ZigBee (802.15.4)

Some Experience with:

- Bluetooth Low Energy (BTLE)
- Thread
- LoRa
- 6LowPAN
- WiFi
- SigFox
- Powershell

LANGUAGES

- French
- English
- Spanish

Courses read: Fondation of Agents (AI), Intelligent Search and Games and Independent Research Project

London South Bank University — London UK

Bachelor of Electrical and Electronic Engineering

2013 - 2018

- Final Year DANCER project funded by UK Research Council

2016 - 2017

- Year abroad at Hochschule Luzern, Switzerland
- BTEC HND certification 2015

Harvard Summer School — Cambridge, MA

2011

Researched & debated dangers of new technologies and their implementations with other international students.

Lycée Français Jean Monnet, BELGIUM — *French Bacculaureate*