BENBRIKHO Mustapha

Engineering student in Computing and Electronics
Looking for a six-month internship (available from February 17th, 2020)

Personal details

23 years old
Paris, FRANCE
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Nationality : French

Language

French	Native
English	C1
Spanish	B2

Computer skills

Programming Language

Python, MATLAB

C++, C#

Java

HTML, CSS, JS

VBA, MySQL, DAX

Library
Qt, OpenGL, OpenCV, Numpy, Scipy, PIL, PyTorch, TensorFlow, Keras, Tkinter
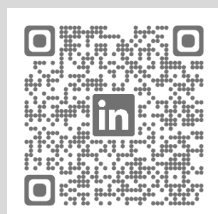
Tools
Git, Visual Studio, QtCreator, Unity

Some projects
- Programming an augmented reality application (C++, Qt, Java)
- Detecting the value of a resistor on a photo (Matlab, Python)
- Robot programming (C, Java)
- Video game programming (C#, Unity)

Extra-curricular activities

Sport   Black belt in Judo

Computing   Website, game and mobile application programming

EDUCATION

2017 - 2020   **CPE Lyon, Engineering school, Villeurbanne**

Student in 5th year of engineering school in digital sciences
Bachelor's degree in computing sciences (2018)

Main subjects : Image, Modelling and Computing
◊   Signal/Image/Video Processing
Acquisition, Calibration, Registration, Compression, Classification, Pattern recognition, Segmentation, Filtering, Optimization, 3D Reconstruction, Watermarking
Medical imaging : Tomography, Echography, MRI
◊   Modelling 3D
Animation, Simulation, Graphics Rendering, GPGPU
◊   Machine Learning, Deep Learning, Big Data

2014 - 2017   **Lycée Charlemagne, Preparatory classes, Paris**

Three-year undergraduate intensive courses in Physics and Chemistry in preparation for competitive exams to Engineering schools

2011 - 2014   **Lycée Henri IV, High School, Paris**

Baccalaureate physics and chemistry section obtained with honours, equivalent to High School Diploma

PROFESSIONAL EXPERIENCE

June - Sept 2019   **Engineering student internship, SNCF group, Paris**

Data processing with Power BI software to solve production, operational and anti-fraud issues (M language, Power Query DAX)
Programming interactive garage plans (JavaScript)
Writing reports to ensure the sustainability of each project

July - Aug 2018   **Station attendant, SNCF group, Paris**

Providing information about long-distance trains
Management of problems linked with passengers in cooperation with the central of communication
Support of people with disabilities

2017 - 2019   **Tutor of Mathematics and Physics, Completude, Lyon**

Providing private tuition for children between 14 and 18 years old

2017 - 2018   **Support Service, APRIDEV association, Lyon, France**

Computing coaching two blind persons with visual Impairments
Technical support, monitoring and maintaining their computer systems and networks