

François BEUGIN

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25 y/o

Wireless Network Engineer

Work Experience

- Oct 2019 – Present **Wireless Network Engineer**, *Huawei France*, Boulogne-Billancourt, France, *Graduate Program*.
- 4G/5G new features tests and KPI analysis on live network and lab
 - Site Design of 5G Site
 - Responsible for wireless system testing and validation in lab environment
 - Provide and perform acceptance test case
 - Configure wireless equipment (base station and controller)
 - Participation and implementation of test protocols for mobile radio equipment on experimental platforms.
 - Creation of tools to generate configuration script automatically
- Mar – Sep 2019 **Radio System Engineer Intern**, *Bouygues Telecom*, Meudon-La-Forêt, France, 6 months · *Python Anaconda*.
- Analyze data from mobile networks to improve the 4G simulator and to prepare the deployment of 5G
 - Identify information sources concerning 5G to develop models for the incoming 5G simulator
 - Analyze packets exchanged between the mobile and the radio access network using QxDM

Education

- 2016 – 2019 **General Engineering MSC Course · Networks and telecommunications specialty**, *IMT Atlantique (Former Télécom Bretagne)*, Brest-Rennes, France · GPA : 3.99.
- Networks · IoT · Big Data · Cloud Computing · DevOps
 - Software Engineering · Computer Science · Random Signal Theory · Physics
- Feb – Jun 2018 **Exchange Semester Master-level Degree**, *Seoul National University*, Seoul, South Korea.
- Data Mining · Advanced Digital Integrated Circuits · Microeconomics · Compiler Optimization
- 2014 – 2016 **Preparatory Classes two-year undergraduate**, *Lycée Faidherbe*, Lille, France.
- Mathematics · Physics · Engineering Science

Projects

- Oct 2018 - Mar 2019 **Tools for measuring the characteristics of a wireless network**, *Python · Raspberry Pi*, End of studies project at IMT Atlantique.
- Creation of throughput measurement and analysis tools on a communicating vehicle
- Jan – Jun 2017 **MTSGO Server**, *Python · Django*, Project at IMT Atlantique.
- Mobile app deployment project : Development of a back-end server with a REST API

Skills

- Programming** Python · Java · SQL
- Mobile** GSM · UMTS · 4G LTE · 5G NR · Genex Probe · Keysight Nemo · QxDM
- Tools** PyCharm · Python-Anaconda Packages · Git · Bash · Wireshark · \LaTeX · Office
- Languages** **French** : Native **English** : Fluent · TOEFL 623/680 **Korean** : Basic

Outside Activities

- Hobby** Bridge (Youth International Level)
- Summer 2014, 2016 Youth World Championship
 - Summer 2011, 2013, 2015 Youth European Championship