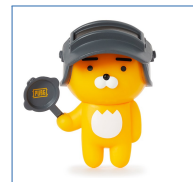# François BEUGIN

Boulogne-Billancourt
France
📱 +33(0)6.72.22.46.75
✉ beugin.francois@gmail.com
🌐 www.fbeugin.fr
in francoisbeugin
25 y/o

## Looking for a position as RAN Engineer

## 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

## Work Experience

**Oct 2019 – Present** **Wireless Network Engineer**, *Huawei France*, Boulogne-Billancourt, France, *Graduate Program*.
- Responsible for wireless system testing and validation
- Provide and perform acceptance test case
- Configure wireless equipment (base station and controler)
- Participation and implementation of test protocols for mobile radio equipment on experimental platforms.

**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

**Jul – Aug 2017** **Industrial Placement**, *Arc France*, Arques, France, 2 months.
- Work on an assembly line · Quality control of industrial products

## 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** | Java · Python · SQL · Matlab |
| **Mobile** | GSM · UMTS · 4G LTE · 5G NR · CDMA · OFDM · QxDM |
| **IoT** | 6LoWPAN · RPL · LoRa · CoAP · Arduino · Raspberry Pi · Pycom |
| **Big Data** | Apache Storm · Hadoop · NoSQL · Map-Reduce · Python-Anaconda packages |
| **Tools** | PyCharm · Git · Contiki · Bash · Wireshark · LaTeX · Office |
| **Languages** | **French** : Native  **English** : Fluent · TOEFL 623/680  **German** : Intermediate  **Korean** : Basic |

## Outside Activities

**Hobby** Bridge (Youth International Level)