

## SUMMARY

A highly qualified and experienced wireless communications Ph.D. with a focus on 5G technology. A proven track record of success in delivering radio access network (RAN) projects, combined with previous experience as a data scientist. An expert in the field, with a deep understanding of the latest advancements in wireless technology and a commitment to staying up-to-date with industry trends. Strong analytical and problem-solving skills, as well as a passion for using technology to drive innovation and improve business outcomes. A motivated and results-driven professional, eager to bring his skills and experience to a challenging and dynamic work environment.

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## EXPERIENCE

**Senior Wireless Engineer**, 03/2019 - Current  
**Huawei technologies** - Madrid, Spain

- Testbed setups and features testing
- Integration and commissioning troubleshooting
- Solution architect and site solution design
- Software development for process automation

**Data Scientist**, 04/2018 - 03/2019

**Conecta Wireless** - Barcelona, Spain

- Collecting, modelling, and analysing data to extract insights that support decision-making
- Design and implement extract, transform and load (ETL) pipelines
- Build relational database schemes

**Ph.D. Fellow**, 02/2014 - 03/2018

**Aalborg University** - Aalborg, Denmark

- Research on wireless communications for 5G
  - Massive MIMO
  - Wireless channel modelling and characterization
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## EDUCATION AND TRAINING

**Ph.D., Wireless Communications**, 03/2018

**Aalborg University** - Aalborg, Denmark

**Telecommunications Engineer final project**, 12/2013

**Tsinghua University** - Beijing, China

**Telecommunications Engineer**, 06/2013

**Universitat Politècnica de Catalunya (UPC)** - Barcelona, Spain



## ALEX OLIVERAS MARTINEZ, PH.D.

### CONTACT

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### SKILLS

- Radio access networks (RAN)
  - Wireless communications
  - Python (programming language)
  - Data science
  - Extract, transform and load (ETL)
  - Relational databases (SQL)
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### LANGUAGES

**Catalan, Spanish:** Native

**English:** Proficient - C2

**Chinese:** Elementary - A2

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### CERTIFICATIONS

- Machine Learning Specialization (Coursera)
- Python for Everybody Specialization (Coursera)