

# Bernat Barroso

## PERSONAL DATA

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PLACE AND DATE OF BIRTH: Barcelona, Spain | 1994  
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## ABOUT

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Polyvalent Software Engineer with a demonstrated history of working in a Big Data environment and leading/management capabilities, focused on business problems and results.

Without a strong background in computer science, I managed to learn some important concepts and practices of software development such as design patterns, CI/CD or test-driven development and used them in real projects, providing solutions for my team's problems.

## WORK EXPERIENCE

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CURRENT DATE	Technical Lead at GINDUMAC
SEP 2019	Owner of all technology assets of the company. The platform is based on AWS services and multiple programming languages, mainly PHP, Javascript and Python.
JUL 2019	Data Engineer at GINDUMAC
OCT 2018	Architect and developer of MIS, an application which provides relevant market data, scrapped from multiple websites, to internal personnel in order to optimize their decisions and operations. It is based on AWS services and written in Python and Java.
NOV 2018	Data Engineer at EVERIS
JUL 2016	<i>Big Data Wharehouse</i> Owner of diverse Apache Spark data processing projects for a financial institution, including the technical documentation, testing and performance analysis. All of them where based on an on-premises CDH hadoop cluster and written in Java
JUN 2016	Intern at EVERIS
OCT 2015	<i>Software Architecture</i> Developing ETL processes and applications in a Big Data environment
SEP 2016	Intern at ACCENTURE
JUL 2016	<i>Supply Chain Management</i> Worked there helping the analytics team, validating and cleaning data. We provided forecasts for supply chain optimization
JUL-SEP 2014	Ruokola Farm <i>Animal Welfare</i> Maintenance and field work.

## EDUCATION AND CERTIFICATES

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- DEC 2017   Convolutional Neural Networks, at **Coursera**
- OCT 2017   Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization, at **Coursera**
- OCT 2017   Neural Networks and Deep Learning, at **Coursera**
- JULY 2016   B.A in Empresa i Tecnologia, **Universitat Autònoma de Barcelona**
- APR 2016   Machine Learning, at **Coursera**
- FEB 2016   M101J: MongoDB for Java Developers, **MongoDB University**
- APR 2015   Getting and Cleaning Data, at **Coursera**
- MAR 2015   R Programming, at **Coursera**

## LANGUAGES

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CATALAN:   Native  
SPANISH:   Native  
ENGLISH:   Fluent

## COMPUTER SKILLS, FRAMEWORKS AND PLATFORMS

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- Java, Python, javascript, Bash
- HBase, PostgreSQL, MongoDB, ElasticSearch, Impala, Hive, HDFS
- Apache Spark, Jenkins, Docker, Spring, Django/Django-Rest, SQLAlchemy, React
- AWS, GCP

## INTERESTS AND ACTIVITIES

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Technology, Open-Source Community, E-Government, Economics, Psychology, Philosophy, Roller Hockey player