OSCAR CUENCA ROCA
CURRICULUM VITAE

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Professional Summary:

As a freelance developer with a strong interest in the Internet of Things (IoT) and Big Data, I am skilled in designing and delivering technology projects that align with industry needs and trends. My goal is to continue contributing to the development of cutting-edge technologies and utilizing my abilities as a dynamic, analytical, and creative problem-solver.

Professional Objective:

To join a technology company and work on projects that align with my interests, leveraging my skills in IoT, Big Data, and project management to drive growth and innovation.

Skills and Qualifications:

Experience in IoT and Big Data technologies
Strong analytical and problem-solving abilities
Business acumen and strategic thinking
Strong leadership and team management skills
Excellent communication and relationship-building abilities
Strong ability to identify and capitalize on business opportunities.

Education in progess:
Currently enrolled in an online program at Platzi.com with a 35% completion rate as of 2022, focusing on the following areas of study:

- Blockchain technologies
- MV Databases (with a focus on D3)
- DevOps and Cloud
- Data Science and Artificial Intelligence

This education showcases my ongoing commitment to staying current and expanding my knowledge in emerging technologies and trends relevant to the technology industry.

Work Experience

Currently

1) Since 2009 I have been working as freelance developing webs, ERPS, and digital strategies.

Past Experience:

2) Royal-Import-Cumat Import - OCU Import S.L. Family Business Group (1989-2009)
- Position: Started with warehouse tasks, progressed to work on international purchases and finally CEO.
- Responsibilities: 20 years of experience in

   o import management
   o Commercial management, including generating strategic allies and creating commercial networks at a national level.
   o Brand and product development, as well as opening of the national and international market.
   o Strategies of financing and negotiation with banks.
   o Development and implementation of marketing and communication strategies.

This experience demonstrates my strong background in business management, international trade, and strategic planning. I have 20 years of experience in the import industry and have a proven track record of success in managing operations, developing and implementing marketing strategies, and building networks and partnerships.

University Education

- Bachelor of Business Administration (BBA) in Business Sciences, Marketing, and Public Relations (1993-1996) from ESERP (School of Sciences)
- Bachelor of Science in Management and Public Relations (1993-1996) from The Queen's University of Belfast (Northern Ireland)
- Bachelor of Sciences in Business, Marketing, and Public Relations (1993-1996) from IICP, Institut International de Comunication de Paris.

Certifications:

1. Monitoring the Oceans from Space (22/11/2016)
- Issuing Body: European Organization for the Exploitation of Satellites (EUMETSAT)
- License / Code #: c6Od42g
- Description: This certification demonstrates my knowledge in monitoring satellite data applied to real-world case studies and in a variety of policy/business areas, as well as decision-making. It also covers emerging technologies and trends in this field, as well as the role of the Copernicus Marine Environmental Service (CMEMS) and its applications to users and benefits to society. The course was led by EUMETSAT in support of the Copernicus Program.

2. Watson Analytics (06/18/2017)
- Issuing entity: IBM
- License #: WA0101EN
- Skills: Big Data, Watson Analytics.
- Description: This certification demonstrates my fundamental understanding of Watson Analytics concepts and capabilities, including loading and refining data sets, discovering patterns, relationships, and predictive insights in data.

3. Internet of the Things Solution Development (08/01/2017)
- Issuing entity: IBM
- License #: 20E2UWVZS3QWQN
- Skills: Node-RED, Python, JavaScript, IBM Bluemix, IBM Watson IoT Platform.
- Description: This certification demonstrates my ability to develop and implement solutions for the Internet of Things, including capturing data from devices and sending it to a cloud platform. It covers all the steps required to create a basic IoT solution using IBM Watson IoT devices, gateways, and platform.

4. Internet of the things Developer's Exploring and Visualizing Data (06/06/2017)
- Issuing entity: IBM
- License #: E4UBYQPQME2R
- Skills: Algebra and algebraic equations applied to data analysis, IBM Bluemix, Node-Red, Cloudant NoSQL (Apache CouchDB), ApacheSpark, R, Scala and Python.
- Description: This certification demonstrates my ability to recognize data characteristics, patterns, trends, deviations, or inconsistencies and potential atypical values. It also shows my skills in identifying useful techniques for working with Big Data such as reducing dimensions and feature selection methods, as well as using advanced tools and graphics libraries for automatic data storage from IoT devices and improving the efficiency of Big Data analysis with parallel partitioning and analysis.

5. Internet of Things: Sensing and Actuation From Devices (05/26/2017)
- Issuing entity: University of California, San Diego
- License #: ZD8T8D6CHPDV
- Skills: Analog electronics, Java for Android, sensors.
- Description: This certification demonstrates my knowledge in estimation of sampling frequency and bit width required for different sensors, programming GPIOs (general-purpose input/output pins) to allow communication between the DragonBoard 410c and common sensors. It also shows my skills in writing data acquisition code for various types of sensors, such as passive and active infrared (IR), microphones, cameras, GPS, accelerometers, ultrasonic sensors, etc. and in writing applications that process sensor data and take specific actions, such as stepper motors, LED matrices for digital signage and games, etc.

6. Internet of Things: Setting Up DragonBoard™ Development (04/02/2017)
- Issuing entity: University of California, San Diego
- License #: G3PC3TW7V3U6
- Skills: Java for Android, Analog Electronics, Linux.
- Description: This certification demonstrates my ability to configure integrated development environments (IDE) to develop software, use git, adb and fastboot for multiple OS flash and brick slate repair. It also shows my skills in installing Android 5.1 (Lollipop) and Linux based on Ubuntu, creating, compiling and running programs on the DragonBoard ™ 410c platform, and describing the DragonBoard ™ 410c peripherals, I/O expansion capabilities, Computing capabilities (CPU and Graphics) and Connectivity capabilities.

7. Internet of The Things (11/29/2016)
- Issuing entity: King's College London
- License #: eiuvcv8
- Description: This certification demonstrates my understanding of the innovation and business aspects of the Internet of Things (IoT), including the development of IoT products, wireless connectivity, security and privacy aspects of the IoT.

8. Internet of Things-Maximo 7.6 - Workforce Management (19/06/2017)
- Issuing entity: IBM
- License / Code #: 2bfe90ac-0622-4bd6-8f06-989711844249
- Description: This certification demonstrates my high-level understanding of Maximo Workforce Management and acquired knowledge on creating, using and associating calendar, work and qualification records for workforce management.

9. Internet of Things - Maximo Introduction and Overview (08/06/2017)
- Issuing entity: IBM
- License / Code #: 07f9e28a-151a-493b-8bc5-24bd8591d67e
- Description: This certification demonstrates my high-level understanding of the product line that enables the asset management strategy and acquired knowledge of how to navigate in Maximum, basic understanding of platform security, reporting capabilities, key process indicators, and basics of tool basics.

10. IoT - Maximo 7.6 New Features (August 2017)
- Issuing entity: IBM
- License / Code #: c634de31-cde4-45f6-90fe-dd56d2b7a56f
- Description: This certification demonstrates my high-level understanding of the new features and functions available in Maximo 7.6. It also shows my knowledge of the enhancements to the user interface, hover over dialogs, new features in automation scripting, setting up and using edit mode, using crews, new reporting enhancements, and the KPI viewer and templates applications.

11. Big Data: Hadoop Foundations - Level 2 (2/22/2017)
- Issuing entity: IBM
- License / Code #: eeda4fa9-9f48-4c75-aa09-82dc35915f05
- Skills: Hadoop, Big Data, Spark
- Description: This certification demonstrates my understanding of the large data ecosystem and Hadoop commands and operations to work with Big Data. It also shows my basic knowledge about Spark and its operations including RDDs, DataFrames and the various libraries associated with the Spark Core (MLlib, Spark SQL, Spark Streaming, GraphX) and my ability to implement MapReduce jobs within a thread-enabled cluster and use a series of tools to move data within the Hadoop group and use Hive to store and query data.

12. Big Data: Hadoop Programming - Level 2 (06/04/2017)
- Issuing entity: IBM
- License / Code No .: 23eb438d-9be9-464e-8eb6-da0a5ff76007
- Skills: Big Data, Hadoop, Pig, MapReduce, Apache Kafka
- Description: This certification demonstrates my ability to use the programming concepts provided by Apache MapReduce, Apache Pig and Apache Kafka.
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13. Big Data: Hadoop Data Access - Level 2 (2/05/2017)
- Issuing entity: IBM
- License / Code #: 80bdc61c-2432-461d-b8c0-1aa80d59543d
- Skills: Big Data, HBase, Hadoop, Hive, SQL
- Description: This certification demonstrates my ability to use various data storage technologies such as HBase, Hive, and to use SQL to access data in Hadoop.

14. Big Data: Hadoop Administration - Level 2 (03/06/2017)
- Issuer: IBM
- License / Code #: ceb648a3-772a-4e7f-8aec-5d386aaf9f28
- Skills: Oozie, Solr, Sqoop, Zookeeper, Flume
- Description: This certification demonstrates my ability to move data in Hadoop using Sqoop and Flume, manage and control Hadoop jobs using Oozie, and understand the concepts of using ZooKeeper to create distributed applications.

15. Big Data: Spark - Level 1 (02/21/2017)
- Issuer: IBM
- License / Code #: bebf222f-8e7e-46de-a816-627f11425e70
- Skills: Big Data, Spark, Hadoop
- Description: This certification demonstrates my knowledge of Spark and the use of its benefits, as well as my knowledge of using Resilient Distributed Data Sets (RDDs) and DataFrames to perform memory computing and create applications at the top of Spark's integrated libraries.

16. Big Data: Linked Data and the Semantic Web (12/08/2016)
- Issuer: University of Southampton
- License / Code #: 60wa872
- Skills: Web of Data, SPARQL, Linked Data
- Description: This certification demonstrates my knowledge of linked data and the structure of the Web of Data, including the standards behind linked data, SPARQL basics, and its application for formulating queries. I am also able to design advanced SPARQL queries.

17. Big Data: Data Visualization (11/20/2016)
- Issuer: Queensland University of Technology
- License / Code #: qrblw0z
- Skills: Data Visualization
- Description: This certification demonstrates my knowledge of the methods, tools, and processes used to create different types of visualizations, in particular information and scientific visualizations. I am also familiar with the design approaches used to ensure visualizations effectively communicate information.

18. Mobile Apps Development (02/2017)
- Issuer: Universidad Computense de Madrid
- Skills: Java Android, SDK, Android Studio
- Description: This certification demonstrates my knowledge of the technologies and the development process for mobile apps.

19. Cloud Computing (01/2017)
- Issue: School of Industrial Organization
- Description: This certification demonstrates my understanding of the different technologies and platforms of Cloud Computing as well as its structuring and new trends