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## CARLOS BELTRÁN

### SUMMARY

Dynamic and motivated **Full-Stack Developer and Data Scientist** who has recently graduated from the **Northcoders** coding Bootcamp and **Salford University** and obtained a **distinction** for his excellent results. Hands-on experience building **test-driven web development projects**, as well as **machine learning algorithms** to perform a specific task without using explicit instructions. Exceptional track record of working in multicultural teams across different industries such as **insurance, financial services and online travel and accommodation services**, nationally and internationally. Outstanding experience working in fast-paced environments and specialized in thinking outside of the box to find unique solutions.

### TECHNICAL SKILLS

- **Language:** JavaScript, R and Python
- **Back End:** Node.js, Express, Axios
- **Front End:** React, HTML, CSS and UX
- **Testing:** Jest, Chai, Sinon, Mocha and Supertest.
- **Database:** SQL and PostgreSQL
- **Big Data:** Hadoop
- **Machine learning:** Random Forest, Decision Tree, Neural Network, KNN, Data Mining, Natural Language Processing, Times series analysis and cost-sensitive algorithms.

### WORK EXPERIENCE

- **Northcoders, Trainee Developer Oct '19 - Feb '20**

- Solid understanding of web development and web technologies such as JavaScript, chai, mocha and React.
- Up-to-date knowledge of technologies such as SQL.
- A good understanding of design patterns and frameworks such as MVC
- An understanding of Continuous Integration, Continuous Delivery and Kanban
- An understanding of major browsers (including dev tools) and platforms (Linux)
- Good knowledge of security principles and secure coding
- A proficient in writing good quality object-oriented code

#### Projects

##### - Northcoders News

Full-stack news aggregation board project. The project allows the article's news to be voted on and discussed, with the user also able to vote on comments. Restful API built with Node.js, Express.js, PostgreSQL and frontend built with React.js, CSS and Bootstrap. Testing carried out using TDD with Mocha, Chai and Supertest.

##### Frontend

- **Built with:** React and CSS
- **Hosting:** <https://carlosbeltran-nc-news.herokuapp.com/api>
- **Github:** <https://github.com/taxenco/fend-nc-news>

##### Backend

- **Built with:** Node.js, Express, PostgreSQL, Chai, Mocha, Supertest and Heroku
- **Hosting:** <https://beltranc-nc-news.netlify.com>
- **Github:** <https://github.com/taxenco/be-nc-news>

- **BookingGo, Operations & Product Support Executive Sep 2016 – Present (Manchester, United Kingdom)**

Deliver a high level of customer service by:

- Building and maintaining a superb relationship with all our suppliers.
- Resolving supplier and customers queries within deadlines.
- Calling suppliers head office/locations for last-minute confirmations

- **Booking.com, Customer Service Representative Sep 2016 – Sep 2017 (Manchester, United Kingdom)**

- Helping each customer find their ideal car.
- Dealing with enquiries between booking and pick-up.
- Answering questions after the rental has finished.

- **Mapfre, insurance Sales Agent Oct 2013 – Apr 2015 (Reus, Spain)**

- Intermediating between insurance the company and insurance buyers, including individuals and business.
- Advising customers on the insurance policies that best suit their needs
- Active in seeking out new clients and explaining the types of coverage they may find helpful.

- **BME, Internships in capital market research Feb 2013 – Sep 2013 (Reus, Spain)**

- Analysing equity indexes, commodities and currencies, as well as making reports about macroeconomics and firm. Use of financial terminals as Bloomberg and Reuters in the market research.
- Presentations to the investing community about economic and financial topics.

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## EDUCATION

- **Salford University (United Kingdom) – Sep '19**

Master's in Data Science – Distinction

- **Instituto De Estudios Financieros (Spain) – Jun '13**

Master's in finance and Banking - First-Class Honours

- **Rovira I Virgili University (Spain) – Jun '11**

Bachelor's degree in Economics – Upper Second Class

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## SKILLS

- **English:** Full Professional Proficiency
- **Spanish:** Native
- **Catalan:** Native
- Valid driving license