

# Martín Cuesta Allende

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## Education

University of Manchester, UK

Expected grad: June 2023

MEng Computer Science (Human Computer Interaction)

GPA: 79% (First Class)

- **Relevant courses:** User Experience, Modelling Data on the Web, Data Engineering, Software Engineering, Cognitive Robotics, Statistics and Data Analysis, Advanced Social Network Analysis, Essentials of Survey Design, Anthropology of Vision Senses and Memory, Cognition, Motor Systems for HCI, Enterprise Management for Computer Scientists
- **Technical skills used:** Python (Anaconda distribution), Java, Kotlin, SQL, schema languages (XSD, RDFS, JSON Schema), HTML/CSS/Bootstrap, Git, SPSS

## Work Experience and Projects

Zebra Technologies

Jun. 2021 - Jun. 2022

Front-End Developer (UX) Intern

- Developed a **Flutter** UI Component library with 90+ components, used for the next-generation UI of Zebra apps. Wrote extensive documentation and ensured the library was accessible for all users
- Developed the next-generation UI of Q-Suite (QChat, QNotes) and Workforce Management (ESS) apps in **Flutter**, ensuring they were accessible for all users
- Gave a presentation to 30+ company developers on the basics of **accessibility** and how to create accessible apps with Flutter

Third Year Project @ University of Manchester

Oct. 2020 - May 2021

LabelScan

- Designed and developed an **Android** app in **Java** and **Kotlin** that improves the accessibility of nutrition labels by scanning and presenting them with simplified graphics and text-to-speech
- Used the latest UX accessibility guidelines, research, and techniques to make an inclusive app for everyone, especially for people with dyslexia and visual disabilities
- Grade: 88% (First class)

## Honours and Awards

Kilburn Entry Scholarship

Sep. 2018

- Received a £1000 scholarship for being among the top ~25% students joining the school of computer science

Highest Honours in the International Option of the French Baccalaureat Jun. 2018

- Received a *Mention Très Bien* in the International Option of the French Baccalaureat (American Section) for achieving an average grade higher than 16/20 (17.16/20)

## Activities

ILYMUN Press Team

Sep. 2018

- Took part in ILYMUN 2018, a Model United Nations conference in Lyon as part of the written press team. Wrote articles reporting important conference details and events

## Other Skills

### Research Design and Statistical Analysis

- Able to plan and design large-scale experiments to perform hypothesis testing
- Able to plan and design large-scale surveys and their questionnaires, choosing the ideal sampling methods to collect data
- Able to analyse large amounts of statistical data with **SPSS** to conduct hypothesis testing, using methods like ANOVA, non-parametric analyses, or multiple regression

### Data Analysis

- Able to model data for web purposes using **XML**, **JSON**, **RDF** and their associated **schema languages**
- Able to analyse and visualise data sets in **Python** with packages like **pandas** and **scikit-learn**
- Able to visualise, describe and analyse social network datasets

### Programming

- Flutter + Dart
- Python
- Java
- SQL
- Schema languages (XSD, RDFS...)
- Git

### Software Tools

- SPSS
- Jira
- Github
- Figma

### Languages

- 🇬🇧 English (Bilingual)
- 🇪🇸 Spanish (Bilingual)
- 🇫🇷 French (Fluent/C2)
- 🇮🇹 Italian (A2)
- 🇩🇪 German (A2)

## Hobbies and Interests

### Cooking

- Started a project for cooking a dish representative of each country, compiling them in a personal cookbook in the process. Currently researching dishes for the next country, Belize
- Focused on improving several techniques, namely presentation and pastries

### Languages and Cultures

- Learning foreign languages since the age of 3
- Spent 7 years in a Spanish-English school, 3 in a German-Spanish school, and 5 in the American Section of a French school
- Aiming to relearn German and learn a language that does not use the latin script