







# PAOLA BELTRAN

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## EXECUTIVE SUMMARY

- Materials Science & Engineering Master Student (EIT Raw Materials Scholar) with proven understanding of materials properties, characterization, and its manufacturing processes.
- Passionate about implementing circularity and sustainability to every possible aspect of live.
- Effective at managing my time to fulfil with my responsibilities and interests, making me a well-rounded and flexible individual.
- Key achievements to date include:
  - Awarded 3<sup>rd</sup> place at the Global Digital Race 2020 (The Raw & Circular Economy Expedition), “Raw Materials for Future Mobility” organized by the EIT (European Institute of Innovation & Technology)
  - Awarded the “University of Manchester Stellify Award 2019” for successfully completing University’s Ethical Grand Challenges, community volunteering and leadership roles.



## SKILLS

### Professional

- Project Management Skills
- Motivated and Committed

### Leadership

- Strong Interpersonal Skills
- Creative and Empathetic

### Technical

- Microsoft Office + Excel
- Ashby Materials Selection Software
- Open LCA Software



## EDUCATION

### Climate and Innovation Leadership Programme | EIT Climate-KIC

MAR 2021 – SEP 2021

A programme with ten years’ experience in empowering and enabling master students to act on climate challenges. Built on the foundation of the EIT Label framework, it spreads an entrepreneurial mindset combined with multidimensional leadership skills as a tool to transform our societies in a just and sustainable way.

### MSc Advanced Materials Innovative Recycling | Nova & Liege Universities

SEP 2020 – JUL 2022

Relevant modules: Implementation of Circular Economy into the Mining Industry; Monitoring & Rehabilitation Techniques; Nanomaterials Applied to Clean Energies; Finance & Entrepreneurship, Sustainable Materials Selection Methods (involves technological, political & economic aspects). Biocatalysis and Bioremediation; Energy & Climate Change; Waste Treatment & Recycling Techniques.

### BSc Materials Science & Engineering | University of Manchester

SEP 2016 – JUL 2019

Relevant Modules: Manufacturing Processes and Characterization Techniques; Mechanical & Functional Properties of alloys & metals, polymers, composites, ceramics, and nanomaterials.



## WORK EXPERIENCE

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### Intern | National Graphene Institute

JUN 2018 – AUG 2018

Worked in a team of three, directly lead under the supervision of Dr Andrey Kretinin (Lecturer in Materials Physics at University of Manchester). Successfully developed laboratory procedures for mechanical and electrochemical polishing of copper surfaces. Carefully formulated a standard operating procedure for gold electroplating in laboratory conditions.

### Diversity and Wellbeing Lead Ambassador | University of Manchester

NOV 2017 – AUG 2018

Coordinated with the University of Manchester’s Student Union to raise awareness cutting out any form of harassment and hate crime by organizing and successful delivering events that promote race and social equality in collaboration with various students’ societies.



## MISCELLANEOUS INFORMATION

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### Leadership

#### Pass Leader | University of Manchester

SEP 2017 – JUN 2019

Organize weekly sessions for first year students on my study programme to facilitate their understanding in academic matters as well as to provide support in any other area they required.

#### Representative Student | University of Manchester School of Materials

SEP 2017 – JUN 2019

Conveyed important information between students and the university staff, addressing academic issues and improving the overall education experience of Materials Science and Engineering students.

### Volunteering

#### STEM Ambassador | STEM Learning UK

SEP 2017 – JUN 2019

Inspired children in Science Fairs and school visits by conversing with them about the wide potentials of learning and pursuing a career in STEM (Science, Technology, Engineering and Mathematics).

#### Cultural Events Coordinator | University of Manchester Latin American Society

SEP 2018 – JUN 2019

Responsible for engaging the student community around the Latin American culture by the organization of cultural events through the whole academic year.

### Languages

English | Fluent  
Spanish | Native  
French | Basic  
Portuguese | Basic

### Interests

Wellbeing | Dance, Yoga, Meditation, Jogging, Hiking, Cycling, Reading  
Cultural | Learning about History, Philosophy, Foreign Languages, Travelling



## REFERENCES

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Available upon request