

# Martin Bartolo

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## Profile Summary

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- Master's student in Computer Science graduating in May 2023. Passionate about using cutting-edge technology to design and develop innovative, elegant software solutions and actively searching for exciting and challenging opportunities in the software engineering field.
- Currently pursuing a MS degree to broaden my knowledge of emerging technologies, particularly in Artificial Intelligence where they are making an increasing impact on software engineering and AI's increasing availability to the masses.
- Self-motivated and versatile developer with a background in backend development with Python and Java, and machine learning and natural language processing using Pytorch, Spacy and Hugging Face transformers. Enjoy working on frontend side-projects in my free time and improving my React.js, and TypeScript skills.
- **Key Skills:** Python, Java, SQL, C, C++, Git and Github, PyTorch, TensorFlow, Keras, Spacy, Hugging Face transformers, Docker, Flask, MongoDB, Heroku, Windows, Linux, LaTeX, Microsoft Office

## Work Experience

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### University of Colorado Boulder (Boulder, CO)

March 2022 – Present

#### Machine Learning Annotator

- Oversaw the process of creating and maintaining 3 different natural language processing datasets for use in research by the Computational Linguistics Department.
- Adjudicated over 10,000 data annotations made by my team, ensuring that the datasets were ready to be used by machine learning models before the assigned deadlines.

### University of Colorado Boulder (Boulder, CO)

August 2021 – December 2021

#### Grader

- Graded homeworks and exams for over 100 students.
- Ran group and individual sessions to tutor students and answer their questions.

### Fiverr.com

May 2016 – July 2021

#### Freelance Graphic Designer

- Grew a successful online store from the ground up on fiverr.com, offering graphic design services such as branding, logo design, and social media graphics.
- Worked with over 1000 individuals and brands such as [Principal IT](#) and [Bark Butter](#).
- Built a strong and loyal customer base, amassing over 1100 orders and 900 5-star reviews.
- Visit <https://www.fiverr.com/martinbartolo> to view my work and testimonials.

## Education

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### University of Colorado Boulder (Boulder, CO)

August 2021 – May 2023

#### Master's Degree (M.S.) in Computer Science

- GPA: 3.9/4.0
- Ongoing Project with Lockheed Martin titled 'Subcontract Scorecard Predictive Analytics'
- **Relevant Coursework:** Machine Learning, Neural Networks and Deep Learning, Cybersecurity, Big Data Analytics, Natural Language Processing, Algorithms, Computability & Complexity, Software Engineering, and Project Management

### University of Warwick (Coventry, England)

September 2019 – June 2020

#### B.Sc. (Hons) Computing Science and Mathematics (Double Major)

- Student Exchange for a full academic year
- GPA: 3.4/4.0

### University of Malta (Msida, Malta)

October 2017 – June 2021

#### B.Sc. (Hons) Computing Science and Mathematics (Double Major)

- GPA: 3.3/4.0
- Obtained an A grade in my dissertation titled 'Automated Data Collection Using Spatial Relationship Detection in Videos'. I developed a system that could analyze videos, and use machine learning to find the spatial relationships between identified objects in each of the video's frames.