

Martin Bartolo

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Profile Summary

- Master's student in Computer Science graduating in May 2023. Passionate about using cutting-edge technology to design and develop innovative, elegant software solutions. 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 availability to the masses.
- **Key Skills:** Python, Java, SQL, Git and Github, PyTorch, TensorFlow, Keras, Spacy, Hugging Face transformers, Docker, Flask, Mongodb, Heroku, Windows, Linux, LaTeX, Microsoft Office
- **Other Interests:** Frontend UI development, Music Production ([Youtube Channel](#) with over 4k subscribers and 1.25m views)

Work Experience

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

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' solving a natural language processing problem by fine-tuning Hugging Face transformers.
- **Relevant Coursework:** Machine Learning, Neural Networks and Deep Learning, Cybersecurity, Big Data Analytics, Natural Language Processing, Algorithms, Computability and Complexity, Compiler Design, Software Engineering.

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.