


Filip-Mihai Muntean

Date of birth: 01/01/2002


Nationality: Romanian

Gender: Male


CONTACT

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 <https://github.com/filipmuntean>
(Github)

ABOUT ME

I am a highly motivated and accomplished first-year graduate student pursuing a Master's in Artificial Intelligence with a passion for exploring the latest technologies and developing innovative solutions. I possess a strong work ethic and a desire to continually improve and expand my skill set. Through my role of External Relations Commissioner, I have gathered organizational and communication skills I gathered expertise in coordinating and communicating with multiple stakeholders to ensure the flawless execution of projects/events.

I am excited about the prospect of completing my degree and entering the industry field. I believe this program will enable me to enhance my technical knowledge and expand my professional network.

In the future, I am aiming for a position of Data Architect or Data Engineer.

EDUCATION AND TRAINING

01/08/2023 – CURRENT Amsterdam, Netherlands

Master's degree - Artificial Intelligence Vrije Universiteit Amsterdam

Website <https://vu.nl/nl>

01/09/2019 – 01/08/2023 Amsterdam, Netherlands

Bachelor's degree - Computer Science Vrije Universiteit Amsterdam

Throughout my coursework and hands-on experience, I have gained proficiency in a range of areas, including:

1. Operating Systems
2. Software Design
3. Data Structures and Algorithms
4. Machine Learning
5. Applied Logic

Additionally, I have completed a minor in Data Science, which has allowed me to develop skills in:

1. Data visualisation
2. Data analysis
3. Statistical modelling

I have applied these skills to various projects, including analysing large datasets and building predictive models to make informed decisions.

Address De Boelelaan 1105, 1081 HV, Amsterdam, Netherlands |

Website <https://vu.nl/nl>

05/09/2016 – 01/07/2019

Baccalauréat de l'enseignement secondaire - Série Scientifique Lycée Pierre Marie Théas

- 9th in France, based on [Le Parisien Etudiant](#) ranking

Address 1, Rue Marie-Rose Gineste, Montauban, France | **Website** <https://www.theas-institut.fr/>

18/02/2017 – 25/03/2017 Ireland

Exchange Programme Clongowes Wood College

Address Clane, Co.Kildare, Ireland, Ireland

ADDITIONAL INFORMATION

Work Experience

01/09/2022 – CURRENT

Teaching Assistant - Vrije Universiteit Amsterdam

1. Computer Programming
2. Computational Thinking for Coders
3. Introduction to Python Programming
4. Web Technology
5. Information Management for CS
6. Programming for Economists
7. Project Collective Intelligence
8. Fundamentals of Adaptive Software

I oversaw and gave seminars to groups of 20 to 25 students.

1. Graded individual and group assignments
2. Prepared the content of certain workgroups
3. Graded midterm and final exams

01/02/2022 – 21/02/2023

External Relations Commissioner - Study Association STORM

1. Managed and oversaw sponsorship collaborations with multiple companies, resulting in a 700% increase in sponsorship revenue.
2. Conducted and organised 15 company events, lunch lectures, workshops, and in-house days, with an average attendance of 30 participants per event.
3. Initiated and executed social media campaigns, resulting in a 50% increase in social media engagement and 100% increase in event attendance. Communicated and negotiated with companies such as Uber, KPN, Flow Traders, Booking.com, PWC, Deloitte, Adyen, and others, to establish mutually beneficial partnerships.
4. Utilised marketing, communication, and negotiation skills to improve the external relations of the association and increase its visibility.

Relevant Skills

Coding Skills

1. Web Design Fundamentals
 - a. HTML
 - b. CSS
 - c. JavaScript
 - d. Node.js
2. Machine Learning
 - a. Python
 - b. Pytorch
3. Programming Languages
 - a. C
 - b. C++
 - c. Scala
 - d. Java
 - e. Rust
4. Database Management Systems
 - a. Mysql
 - b. Sqlite3
5. Software Frameworks
 - a. Docker
6. Data Analysis & Visualization
 - a. Tableau

Other Skills

- Event & Social Media Marketing
1. Email marketing
 2. Targeted promotion
 3. Digital marketing

Language Skills

Mother Tongue

Romanian

Foreign Languages

French - C2
English - C2
Spanish - B2

Thesis

Transformers for NLP

- **Full Title:** Investigating the Impact of Recurrent Connections on Pre-Trained Transformer-based Models for Modeling Long-Range Dependencies in Sequential Tasks

For my thesis, I have built a transformer generator model. As a general overview, I had to replicate the autoregressive transformer model from scratch, based on [this article](#). The transformer was built in Python, using the library PyTorch. My main task was to investigate the impact and tradeoffs of including a recurrent layer (GRU) in a pure self-attention architecture. I have analyzed the possible impact of the inclusion of this layer into the generated output as well as the performance of the model.

Volunteering

13/02/2023 – 13/02/2023 VU Amsterdam

Career Fair @ VU 2023

1. I successfully attracted an impressive turnout of around 250 people.
2. I ensured that top-tier companies such as Adyen, Deloitte, YER, and Picnic were present to offer attendees a chance to connect with potential employers.
3. With meticulous planning and attention to detail, I ensured that the event ran smoothly, allowing attendees to gain maximum benefit from their participation.

01/10/2019 De Boelelaan 1081

Study Association STORM

1. Part of the marketing and promotion team
2. Co-chair of HoReCa Committee
3. Secretary and member social activities team, organising sports & social activities

30/10/2021 – 30/10/2021

Benelux Algorithm Programming Competition 2021

Creative works

Inca cinci minute/Five more minutes I'm excited to release my debut book, a collection of personal poems exploring a range of themes and emotions. Drawing from my experiences and surroundings, I touch on topics like love, loss, social situations, and personal growth. I crafted each part with care and hope to inspire and transform readers. I am planning to release it in Q2 of next year.

I hereby declare that all of the information in the resume is factual and legitimate.

Amsterdam, The Netherlands, 04/11/2023



Filip-Mihai Muntean