Davide Belli

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EDUCATION

UNIVERSITY OF AMSTERDAM
MSc in Artificial Intelligence
Expected July 2019 | Amsterdam, NL
Average Grade: 8.9

UNIVERSITY OF TRENTO
BSc in Computer Science
Grad. July 2017 | Trento, IT
Final Grade: 110 with honours

LICEO ENRICO FERMI
Scientific High school
Grad. July 2014 | Mantova, IT
Final Grade: 100/100

SKILLS

LANGUAGES
Italian (Mother tongue)
English (IELTS proficiency)

PROGRAMMING
Python • PyTorch • MATLAB • C++
Java/J2EE • Android • Node.js

OTHER TECHNOLOGIES
LaTeX • Git • SQL • XML • HTML/CSS
Adobe PS • Sony Vegas

COURSEWORK

GRADUATE
Machine Learning I, II
Computer Vision I, II
NLP, Deep Learning for NLT
Deep Learning
Reinforcement Learning
Information Retrieval

UNDERGRADUATE
Algorithms and Data Structures
OS, Networks, Databases
Functional and Object Programming
Web and Mobile Programming
Software Engineering I, II
Probability and Statistics
Calculus, Linear Algebra, Logics

SCHOLARSHIPS

Scholarship G. Favrini 2018-2019
Merit grant TIM 2017-2019
Merit Award University of Trento 2017
Merit Award Confindustria 2014-2015

EXPERIENCE

TEACHING ASSISTANT | University of Amsterdam
October 2018 - May 2019 | Amsterdam, NL
- I am currently a TA for Machine Learning 1, Information Retrieval 1 and Deep Learning courses for the MSc in Artificial Intelligence at UvA.

RESEARCH PAPER (ECCV 2018) | University of Amsterdam, ILLC
June 2018 | Amsterdam, NL
- In this applied AI group project I worked at multimodal learning combining visual and linguistic features. Our work *Adding Object Detection Skills to Visual Dialogue Agents* was accepted as workshop paper at ECCV 2018.

HONOURS PROGRAMME | University of Amsterdam, AMLab
Spring 2018 | Amsterdam, NL
- As a top student at UvA participating in the honours programme, I joined a research project focused on applying Deep Generative Networks to medical diagnosis tasks. The results of our work are discussed in the papers *Chest X-ray Inpainting with Deep Generative Models* and *with Context Encoders*.

NLP PROJECTS | University of Amsterdam
Fall 2017 - Fall 2018 | Amsterdam, NL
- As group projects for NLP and DL for NLT courses, I worked at Twitter Sentiment Analysis on SemEval-2017 data and Automated Essay Scoring with ASAP dataset. For both projects, I implemented various types of RNNs and CNNs and studied and applied new embeddings like SSWE and ELMo.

INTERNSHIP AND THESIS | University of Trento
March – July 2017 | Trento, IT
- I developed a smart instant messaging application for Android featuring an additional NLU component to detect user intents. This component controls a recommender system embedded inside user-to-user chats. My work is discussed in Implementing Chatbots into Instant Messaging Applications.

BRONZE MEDALIST AT ACM-ICPC
Fall 2016 | University of Porto, PT
Fall 2018 | Universities of Louvain-la-Neuve (BE), Eindhoven (NL)
- I represented the University of Trento at the swerc ACM-ICPC 2016 held in Porto, resulting in a Bronze Medal. I reached good placements as well at BAPC 2018 (Louvain-la-Neuve) and nwerc ACM-ICPC 2018 (Eindhoven), representing the University of Amsterdam.

INTERNATIONAL CHAMPIONSHIPS OF MATHEMATICAL GAMES
2008 – 2013 | Bocconi University, Milan, IT
- For six consecutive years, I reached excellent placements at the final phase of the CIGM, with the best placement at the 7th position over 9000 participants.

VOLUNTEER WORK

2018	Volunteer at World Summit AI 2018, Amsterdam
2017 – 2019	Member and Treasurer of the Master Committee at UvA
2015 – 2017	Tutoring students in Maths, Physics and Computer Science
2010 – 2017	Kids entertainer, being responsible for more than 150 children