Davide Belli

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EDUCATION

UNIVERSITY OF AMSTERDAM
MSc in Artificial Intelligence
Expected July 2019 | Amsterdam, NL
Average Grade: 9.0

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 (Proficient, Band 7.5 IELTS)

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

OTHER TECHNOLOGIES
LaTeX• Git • SQL • XML • HTML/CSS
Adobe PS CS6 • Sony Vegas 13

COURSEWORK

GRADUATE
Machine Learning
Natural Language Processing
Computer Vision
Information Retrieval
Deep Learning

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

SCHOLARSHIPS

Scholarship G. Favrini 2018/2019
Merit Award University of Trento 2017
Merit Award Confindustria 2014/2015

EXPERIENCE

UNIVERSITY OF AMSTERDAM | Teaching Assistant
October 2018 - February 2019 | Amsterdam, Netherlands

- I am currently a TA for Machine Learning 1 and Information Retrieval 1 courses for the MSc in Artificial Intelligence at UvA.

UNIVERSITY OF AMSTERDAM, ILLC | AI Project
June 2018 | Amsterdam, Netherlands

- In this applied AI group project I worked at multimodal learning combining visual and linguistic features. Our work is discussed in *Adding Object Detection Skills to Visual Dialogue Agents* in Proceedings of SiVL workshop at ECCV 2018.

UNIVERSITY OF AMSTERDAM, AMLAB | Honours Programme
Spring 2018 | Amsterdam, Netherlands

- 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 [1].

UNIVERSITY OF AMSTERDAM | NLP Projects
Fall 2017 - Fall 2018 | Amsterdam, Netherlands

- 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.

UNIVERSITY OF TRENTO | Internship and Thesis: Implementing Chatbots into Instant Messaging Applications
March – July 2017 | Trento, Italy

- As an internship project and Bachelor Degree thesis, I developed from scratch a smart instant messaging application for Android. In addition to IM features, it has an NLU component triggered by user intent recognition which controls a recommender system embedded inside user-to-user chats.

UNIVERSITY OF PORTO | Bronze Medalist at ACM-ICPC
Fall 2016 | Porto, Portugal
Fall 2018 | Louvain-la-Neuve, Belgium; Eindhoven, Netherlands

- 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 University of Amsterdam

BOCCONI UNIVERSITY | Campionati Internazionali di Giochi Matematici
2008 – 2014 | Milan, Italy

- For six consecutive years, I reached excellent placements at the final phase of the CIGM, with a best placement at the 7th position over 9000 participants.

VOLUNTEER WORK

2017 – 2018	Member and Treasurer of the Master Committee at UvA
2014 – 2017	Tutoring students in Maths, Physics and Computer Science
2010 – 2017	Kids entertainer, being responsible for more than 150 children