

Davide Belli

LinkedIn:// [davide-belli-uva](#)
davidebelli95@gmail.com

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. Favriani 2018/2019
 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 is discussed in *Adding Object Detection Skills to Visual Dialogue Agents* in Proceedings of SiVL workshop 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 ¹.

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

- 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. 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 nwerac ACM-ICPC 2018 (Eindhoven), representing 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 a 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
2014 - 2017	Tutoring students in Maths, Physics and Computer Science
2010 - 2017	Kids entertainer, being responsible for more than 150 children