

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

SKILLS

LANGUAGES

Italian (Mother tongue)
 English (Proficient, Band 7.5 IELTS)

PROGRAMMING

Python • MATLAB • C++ • Java/J2EE
 Android • JavaScript (Node.js)

OTHER TECHNOLOGIES

LaTeX • PyTorch • TensorFlow • Git
 SQL • XML • HTML/CSS
 Adobe PS CS6 • Sony Vegas 13

COURSEWORK

GRADUATE

Machine Learning
 Natural Language Processing
 Computer Vision
 Information Retrieval

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

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

EXPERIENCE

UNIVERSITY OF AMSTERDAM | TEACHING ASSISTANT

Fall 2018 | Amsterdam, Netherlands

- I will be a TA for Machine Learning 1 and Information Retrieval 1 courses in the MSc AI at UvA.

UNIVERSITY OF AMSTERDAM, ILLC | AI PROJECT

June 2018 | Amsterdam, Netherlands

- In this applied AI project I worked at multimodal learning combining visual and linguistic features. Our work is discussed in *Adding Object Detection Skills to Visual Dialogue Agents*. The paper was accepted will be presented at the SiVL workshop part of 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 paper *Chest X-ray Inpainting with Deep Generative Models*.

UNIVERSITY OF AMSTERDAM | NLP PROJECT

Fall 2017 | Amsterdam, Netherlands

- As a course project in NLP, I worked with two colleagues at Twitter Sentiment Analysis on SemEval-2017 data. To solve this task, we studied and implemented in Pytorch a variety of models such as RNN, LSTM, CNN, RAN.

UNIVERSITY OF TRENTO | INTERNSHIP AND THESIS: IMPLEMENTING CHATBOTS INTO INSTANT MESSAGING APPLICATIONS

March – July 2017 | Trento, Italy

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

UNIVERSITY OF PORTO | BRONZE MEDALIST AT ACM-ICPC

Fall 2016 | Porto, Portugal

- I represented the University of Trento at the ACM-ICPC held in Porto (Portugal) on November 2016. We reached a Bronze Medal placement out of 62 competing teams.

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 the 7th position over 9000 participants.

VOLUNTEER WORK

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| 2017 – 2018 | Member of the Master Committee at UvA, organizing events for Master students |
| 2014 – 2018 | Tutoring university and high-school students in Maths, Physics and Computer Science |
| 2010 – 2017 | Kids entertainer, being responsible of more than 150 children |