

# Davide Belli

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

## EDUCATION

### UNIVERSITY OF AMSTERDAM

MSC IN ARTIFICIAL INTELLIGENCE  
 Expected July 2019 | Amsterdam, NE  
 Average Grade: 8.9 out of 10

### UNIVERSITY OF TRENTO

BSC IN COMPUTER SCIENCE  
 Grad. July 2017 | Trento, IT  
 Final Grade: 110 with honours out of 110

### LICEO ENRICO FERMI

SCIENTIFIC HIGH SCHOOL  
 Grad. July 2014 | Mantova, IT  
 Final Grade: 100 out of 100

## SKILLS

### LANGUAGES

Italian (Mother tongue)  
 English (Proficient, Level 7.5 IELTS)  
 Spanish (Basic)

### 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

## EXPERIENCE

### UNIVERSITY OF AMSTERDAM | HONOURS PROGRAMME

Spring 2017 | Amsterdam, Netherlands

- Top students at UvA can participate in extra-curricular projects with the research groups of the University. As a honours student, I joined a 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 at the Twitter Sentiment Analysis task on SemEval-2017 data along with two colleagues. We studied and implemented a variety of models such as RNN, LSTM, CNN, RAN to solve this task.

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

March – July 2017 | Trento, Italy

- I developed from scratch an 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 recognition of users' intents which enable sharing in a smarter way contents and suggestions inside user-to-user chats.

### UNIVERSITY OF PORTO | BRONZE MEDALIST AT ACM-ICPC

Fall 2016 | Porto, Portugal

- I have been selected in a three-students team, which represented University of Trento at the International Collegiate Programming Contest held in Porto (Portugal) on November 2016. We obtained a Bronze Medal placement out of 62 competing teams.

### DPMSTUDIO.COM | SOFTWARE ENGINEERING INTERN

August 2013 | Mantova, Italy

- Completed and Integrated the development of websites using Joomla CMS.
- I had the opportunity to take part in daily Scrum meetings with employees and leaders in order to tasks and projects

### BOCCONI UNIVERSITY | THE INTERNATIONAL CHAMPIONSHIPS OF MATHEMATICAL GAMES

2008 – 2014 | Milan, Italy

- For six consecutive years, I reached excellent positions at the final phase of the International Championship of Mathematical Games organized by Bocconi University of Milan, with the best placement at the 7th position over 9000 participants.

## VOLUNTEER WORK

- 2017 – 2018 Member of the Master Committee at UvA, organizing event for Master students
- 2014 – 2017 Tutoring university and high-school students in Maths, Physics and Computer Science
- 2010 – 2017 Kid entertainer in a summer recreation centre, being responsible of around 200 children