

# Davide Belli

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## 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

HIGH SCHOOL LEAVING  
 QUALIFICATION IN SCIENTIFIC  
 STUDIES  
 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 • C++ • Java/J2EE • Android •  
 JavaScript (Node.js) • MATLAB

### OTHER TECHNOLOGIES

SQL • XML • HTML/CSS • Git •  $\text{\LaTeX}$  •  
 PyTorch • TensorFlow • 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 | COURSEWORK PROJECTS

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 models such as RNN, LSTM, CNN, RAN to tackle this task and compare their performances.

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

March – July 2017 | Trento, Italy

- I developed from scratch an instant messaging application for Android as internship project and Bachelor Degree thesis. Other than IM features, it has a NLU component triggered by recognition of users' intents. Its purpose is to provide in a smart way contents and suggestions about places and events inside user-to-user chats.
- Alongside the practical project, I conducted a theoretical study on state of the art Personal Assistants and Chatbots

### 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 managed to achieve a Bronze Medal 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 participated to the International Championship of Mathematical Games organized by Bocconi University of Milan. Each time I managed to pass the Regional Semifinals and reached excellent positions in the Finals
- The best placement I achieved is the 7th position in the Italian ranking with over 9000 participants and 900 finalists.

## 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