



Giulio Carducci

Computer Engineer

✉ carduc.92@gmail.com

☎ (+39) 334 5909666

📍 Torino, Italy

🌐 [linkedin.com/in/giuliocarducci](https://www.linkedin.com/in/giuliocarducci)

🐙 github.com/GiulioC

WORK EXPERIENCE

Software Developer and Data Scientist Synapta s.r.l. & UniTo

04/2018 – Present Torino

I worked at Synapta as a researcher for the academic project "REPOSUM". I applied several NLP techniques to a textual corpus of Phd Theses.

- Feature engineering for representing textual documents
- Feature extraction with bag-of-words, NER and NEL approaches
- Application of classification and clustering techniques to different types of data
- Devised machine learning and NLP strategies for out-of-core computation on huge data volumes

Internship Cognitive Systems Group (CoSy)

04/2015 – 09/2015 University of Bremen

- Camera movement estimation based on detected motion in scene.
- Methods for face detection and face recognition of people in the movie domain.

CERTIFICATES

IELTS 7.5 (CEFR C1) (2016)

British Council

Machine Learning by Andrew Ng (2016)

Coursera

CCNA Routing and Switching: Introduction to Networks

Cisco Networking Academy

EDUCATION

M.A. in Computer Engineering Politecnico di Torino

09/2015 – 04/2018 99/110

- Thesis: "Semantic Analysis to Compute Personality Traits from Social Media Posts".

B.A. in Computer Engineering Università degli Studi dell'Aquila

09/2011 – 03/2015 102/110

- Thesis title: "Design, implementation and exploitation of a database to support an embedded face recognition system".

SKILLS

Python



Natural Language Processing



Machine Learning



Java



Linux



Communication



Teamwork



Adaptability



Problem Solving



PUBLICATIONS

TwitPersonality: Computing Personality Traits from Tweets using Word Embeddings and Supervised Learning.

Giulio Carducci, Giuseppe Rizzo, Diego Monti, Enrico Palumbo, Maurizio Morisio. Multidisciplinary Digital Publishing Institute (MDPI), 2018.

Semantically Aware Text Categorisation for Metadata Annotation (submission phase)

Giulio Carducci, Marco Leontino, Daniele P. Radicioni, Guido Bonino, Enrico Pasini, Paolo Tripodi. Italian Research Conference on Digital Libraries (IRCDL), 2018.

LANGUAGES

Italian

Native or Bilingual

English

Expert

INTERESTS

Photography

Cycling

Environment