

**Employment**

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**Research Engineer, Intern**      **Xerox Research Centre Europe**      **June 2016 – December 2016**

WPT Group

- Designed and conducted a user study in order to test and reshape preliminary research ideas in the field of HCI
- Developed a web application aimed at organizing social events inside the workplace

**Team Leader**      **ClothApp**      **Winter 2016 – Summer 2016**

- Led a team of 5 people through the creation, development and maintenance of a mobile App. Gave monthly pitch in front of technical and non-technical audience at University of Rome La Sapienza; University of Rome, Roma3; Google Tel Aviv (invited by Yossi Matias, VP engineering)

**Coding Coach**      **Fondazione Mondo Digitale**      **Summer 2015 – Summer 2016**

- Taught weekly coding labs of around 20 elementary, middle and high school students all over the country. Topics concerned coding, educational robotics and problem solving skills.
- Created and taught an "Introduction to App Development" course for high school students using App Inventor

**Education**

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**Trento, IT**      **CIMeC, University of Trento**      **2017 – 2019 (expected)**

- MSc in Cognitive Science, Language and Multimodal Interaction track. Coursework: Computational Linguistics, Machine Learning for NLP, THuman Language Technologies, Theoretical Linguistic, Cognitive Psychology
- Winner of the UniTrento-SISSA scholarship

**Buffalo, NY**      **University at Buffalo (SUNY)**      **Spring 2017**

- Only student selected for the Computer Science dept. to participate in the exchange program with the University at Buffalo (SUNY).
- Undergraduate Coursework: Physics, Statistics and Probability Theory, Electronics, Microeconomics.

**Rome, IT**      **University of Rome, La Sapienza**      **2013 – 2017**

- B.S.E. in Computer Science Engineering with minor in Applied Math. GPA: 3.5, In-major GPA: 3.6.
- Undergraduate Coursework: Operating Systems; Databases; Algorithms and Data Structures; Programming Techniques; Network Infrastructure; Calculus I & II; Operational Research; Object-Oriented Programming.

**Technical Experience**

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**Projects**

- **ConvVsRec.** Investigating performance differences of convolutional vs recurrent seq2seq architectures in Machine Translation and Compositional Learning (*ref.* <https://arxiv.org/abs/1711.00350>)
- **Sumpy (under development).** University project: creation of an automatic extractive summarization toolkit that improves current state-of-the-art methods proposing a new sentence similarity method and integrates distributional semantics features: <https://github.com/robertodessi/sumpy/tree/master/>
- **ClothApp.** Social Networking Android App aimed at fostering the link between small local clothes shops and fashion lovers. <https://github.com/ClothAppProject>. Java, Android SDK, Parse SDK
- **Multi-User Live Chat.** Multi-User Live Chat developed for the Operating Systems class. Implemented both client and server modules. <https://github.com/robertodessi/OSproject>. Network programming, C

**Languages and Technologies**

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- Python; Java; C; Bash;
- Vim; Git; NLTK; PyTorch