EDOARDO DEBENEDETTI

Computer Science M.Sc. Student @ EPFL

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EPFL (Federal Institute of Technology Lausanne) M.Sc. student in **Computer Science** with a strong focus on **Machine Learning** and **Security**. Highly proactive, motivated, and **curiosity-driven** with the goal of becoming an **ML Research Scientist**.

EDUCATION

EPFL - Federal Institute of Technology Lausanne

M.Sc. in Computer Science | 09/2019 - 07/2021 (expected)
Lausanne (Switzerland)

- Focus on **Machine Learning** and **Security**.
- **GPA 5.63/6**.
- Working on a research project with **Prof. Troncoso** at SPRING Lab on **deepfakes counteraction**.

PoliTo - Turin Polytechnic University

B.Sc. in Computer Engineering | 09/2016 - 07/2019
Turin (Italy)

- **GPA 28.4/30**.
- **Graduation mark 110/110**, top 9%, final year GPA 29.8/30.
- **Exchange year** at **同济大学** (Tongji University), in Shanghai (**China**), during my entire sophomore year.

Navy Military College "F. Morosini"

High School Diploma | 09/2013 - 07/2016
Venice (Italy)

- **Lead** sophomores as **prefect** during my final year.
- **Military training** on Italian Navy's Ships and at Italian Navy's Marine Corps.

EXPERIENCE

JEToP - PoliTo's Junior Enterprise

International Manager | 10/2018 - 06/2019
Turin (Italy)

Executive Board member responsible for public relations and partnerships.

- While I was in charge, JEToP signed **8 new strategic partnerships**.
- Past positions: **IT Consultant**, Fundraising & Partnership Assistant.

Reply

Software Engineering Intern | 11/2018 - 03/2019
Turin (Italy)

Reply is one of the **top IT consulting** groups in Italy, with revenue worth €1B+ in 2018.

- Created a **chatbot** that answers questions about GDPR law.
- Worked on **RPA**, using Automation Anywhere and **Python**. One of the bots I created **decreased** the duration of a task by **88%**, without requiring human intervention in it.

PROJECTS

GDPR Chatbot

Reply | 02/2019

A **chatbot** that answers questions about GDPR, the new European Privacy Law, developed as proof of concept.

- The bot could help **320M+** EU citizens to easily understand GDPR.
- Stack: Telegram, **TypeScript** on Node.js, **Redis**, **MongoDB**, IBM **Watson** Assistant, **Docker**.

Subspace Attack Reproduction

EPFL | Fall 2019 | link

Attempt to reproduce the results of the NeurIPS 2019 paper "**Subspace Attack: Exploiting Promising Subspaces for Query-Efficient Black-box Attacks**", done as a main project for the Machine Learning class.

- With our implementation we **reduced by 76% the median attack complexity**.
- Obtained grade: 98/100.
- Stack: Python with **PyTorch**.

AWARDS

PoliTong Scholarship

Turin Polytechnic University & Tongji University Shanghai

Awarded to **11** out of 35 students that participated in the selection. Full scholarship for the **one-year exchange** in **Shanghai**.

LANGUAGES

Italian
Native

English
TOEFL iBT 108/120

French
Intermediate