

# Tommaso Scarlatti

## Computer Engineer

Final year Master student who fosters a collaborative and supportive team environment. Versatile developer well versed in Python, Java and Software Engineering.

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github.com/tmscarla

## SKILLS

Python

Java

SQL

Machine Learning

Recommender Systems

Public Speaking

HTML

CSS

LaTeX

## EDUCATION

### Visiting Researcher

Harvard University

10/2019 – Present

Cambridge, MA

### MSc Computer Engineering

Polytechnic University of Milan

09/2017 – Present

Milan, Italy

### BSc Computer Engineering

University of Florence

09/2014 – 07/2017

Florence, Italy

## ACHIEVEMENTS

2nd Place ACM RecSys Challenge 2018 by Spotify

Ranked 2nd in the Creative Track as the official team of Polytechnic University of Milan among 100+ teams. Developed a model for music recommendation in a playlist continuation scenario. Presented our paper at the ACM RecSys conference 2018 held in Vancouver.

## PUBLICATIONS

Artist-driven layering and user's behaviour impact on recommendations in a playlist continuation scenario

Proceedings of the ACM Recommender Systems Challenge 2018, p.1-6, October 02-02, 2018, Vancouver, BC, Canada.

## WORK EXPERIENCE

### Web Developer

Tenbuilders

09/2015 – 09/2017

Florence, Italy

- Developed a platform (frontend and backend) to help college students find selected tutors ([www.tenbuilders.it](http://www.tenbuilders.it))
- Wrote and implemented scripts to enhance user experience and managed MySQL database

## PROJECTS

Datashack (Python): Multidisciplinary Project

- Selected for Datashack 2019: a Harvard University – Politecnico di Milano joint program on Data Science
- Improved departures estimation accuracy for Alpitour Travel Group using time series forecasting models

Travlendar (Swift): College Project

- Designed and developed a mobile platform to help users organise their day scheduling their appointments in a feasible way
- Integrated Google Maps API and Uber API to retrieve information concerning available travel options

Oris-tool (Java): BSc Thesis

- Analysis and development of a component for interactive visualization of stochastic Petri nets
- Developed an API to be integrated inside Oris-tool and a GUI using Java Swing

## LANGUAGES

Italian

Native or Bilingual Proficiency

English

Full Professional Proficiency

French

Elementary Proficiency