

Tommaso Scarlatti

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EDUCATION

HARVARD UNIVERSITY Visiting Researcher	Cambridge, MA 10/2019 - Present
POLITECNICO DI MILANO MSc Computer Science and Engineering	Milan, Italy 09/2017 - Present
UNIVERSITY OF FLORENCE BSc Computer Science and Engineering Final grade: 107/110	Florence, Italy 09/2014 - 09/2017

ACHIEVEMENTS

2nd Place ACM RecSys Challenge 2018 by Spotify <ul style="list-style-type: none">Ranked 2nd in the Creative Track as the official team of Politecnico di Milano among 100+ teams.Developed a model for music recommendation in a playlist continuation scenario.Presented results at the workshop of the conference	Vancouver, BC 10/2018
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PUBLICATIONS

Artist-driven layering and user's behavior 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

Tenbuilders Web developer <ul style="list-style-type: none">Founded and developed a platform (frontend and backend) to help students to find selected tutorsWrote and implemented scripts to enhance user experience and integrated scripts with the CMSManaged SQL database	Florence, Italy 09/2015 - 09/2017
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PROJECTS AND RESEARCH EXPERIENCE

Datashack (Python): Multidisciplinary Project <ul style="list-style-type: none">Selected for Datashack 2019: a Harvard University - Politecnico di Milano joint program on Data ScienceImproved departures estimation accuracy for Alpitour Travel Group using time series forecasting modelsCollaborated with designers to integrate the software pipeline with a web interface
Oris-tool (Java): BSc Thesis <ul style="list-style-type: none">Analysis and development of a software component for interactive visualization of stochastic Petri netsDeveloped an API to be integrated inside Oris tool and a GUI using Java SwingApplied several design patterns and graph algorithms
Travlendar (Swift, Laravel): College Project <ul style="list-style-type: none">Designed and developed the front-end of the iOS native applicationIntegrated Google Maps API and Uber API to retrieve information concerning available travel options
Distributed Engine (Java): College Project <ul style="list-style-type: none">Built a Big Data (batch and stream) processing engine using Akka toolkitImplemented a REST API to connect with the system, submit new jobs, and monitor the state of the platform
Home Hub (Python): Personal Project <ul style="list-style-type: none">Set up a web server on a Raspberry Pi using Django and styled the website using BootstrapDeveloped a REST API to connect the hub with external services and devices

SKILLS

Language: Italian (Native), English (C1 level), French (A1 level)

Programming: Python, Java, C, SQL, Bash, Latex