



Gabriele Picco

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24 / 07 / 1995

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Italian
nationality

SKILL AND KEY STRENGTH

. Technical

- Highly skilled in Python, C, Java, C#, Javascript, ...
- Deep learning and machine learning framework: Pytorch, Tensorflow, Scikit
- CI/CD, Containers, Kubernetes/OpenShift, Linux
- Research and fast prototyping

. Interpersonal

- Team player
- Integrity and ethic first
- Optimist / Can do attitude
- Fast paced work ability
- Fast Learner

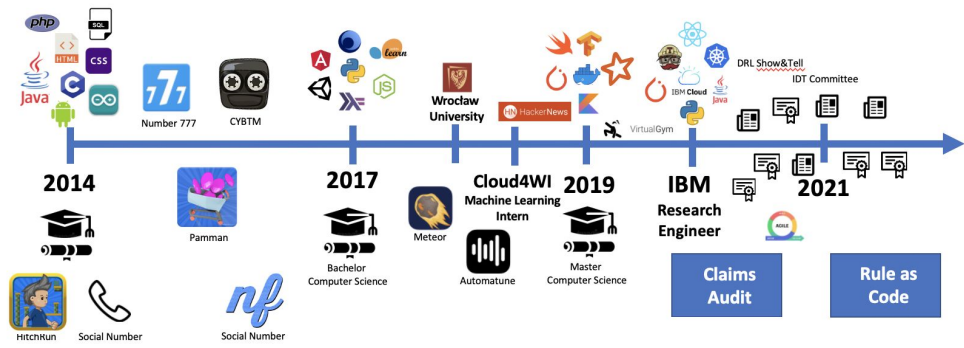
HOBBIES & INTERESTS

- Travels, AI and Tech Conferences, Blockchains, Startups
- Waterpolo, Running

LANGUAGES

Italian (Native)

English (Fluent)



EDUCATION

University of Turin, Computer Science - 5 years (2014 – 2019)

Completed in 2019 : MASTER's degree in Computer Science

Erasmus at Wroclaw University of Science and Technology - (February to July 2018)

WORK EXPERIENCE

Research Engineer at IBM (Dublin, Ireland) : Sep 2019 – Present

Development and improvement of natural language processing s.o.t.a. algorithms applied to healthcare, fraud detection and legal domain:

- Implementation of deep learning algorithms, with a particular focus on NLP (Rules Extraction, Reasoning, Representation Learning)
- Publications in prestigious conferences, such as MedInfo, ACL, EMNLP, NeurIPS and filing of more than 7 related patents
- Full stack development, CI/CD, Kubernetes/OpenShift deployment
- Team Scrum Master

Machine Learning Intern at Cloud4WI (Pisa, Italy) : Sep 2018 - Feb 2019

- Implementation of algorithms for automatic customer analysis and churn prediction (development/production).
- Design and Development of a model to improve the accuracy of the indoor geolocation system

Software Developer Intern at BIGSrl (Cuneo, Italy) : Jun 2013 - Jul 2013

- Development of an IOS and Android application for home automation management
- Setup and configuration of servers for home automation

PUBLICATIONS

- Ensembling Graph Predictions for AMR Parsing (NeurIPS 2021)
- Neural Unification for Logic Reasoning over Natural Language (EMNLP 2021)
- Towards Protecting Vital Healthcare Programs by Extracting Actionable Knowledge from Policy (ACL 2021)
- Ontology-guided Policy Information Extraction for Healthcare Fraud Detection (MIE 2020)

PROJECTS

- Aliby: platform for managing shared rentals unit (Angular, Flask) (YCombinator startup school)
- VirtualGym: peer to peer video-chat workout (Angular, WebRTC)
- HackerNews.news: enhanced mirror news website (+20k montly readers)
- Pamman: 3D platform video game (Unity) (+2k Downloads)
- Automatune: Musical video game (Unity) (+100 Downloads)
- Number777: Math puzzle game (Unity) (+100 Downloads)
- HitchRun: 2D platform video game (Java) (+500 Downloads)