

Petru Potrimba

23 years old

Trying to find a good bias-variance tradeoff in my life.

EDUCATION

ETH Zurich, Zurich — *Master in Computer Science*

SEPTEMBER 2019 - SEPTEMBER 2020

Bologna University, Cesena — *BS in Computer Science and Engineering*

OCTOBER 2015 - OCTOBER 2018

Final grade: **109/110**.

SOME PERSONAL PROJECTS

Machine and Deep Learning — 2018 - present

I am studying, doing research and projects on Machine Learning and Deep Learning. I love to build ML algorithms from scratch and understand how they work.

Linear Regression, Logistic Regression, SVM, Neural Networks, Anomaly Detection, PCA, K-means, Recommender systems.

math-assistant — 2018

Mobile application and Telegram Bot for analysis and recognition of handwritten mathematical operations.

Technologies used: Machine Learning, Python, OpenCV, Swift.

super-smarket — 2017

Decision support software which analyzes market's products and suggests you when is the right moment to put them in discount in order to maximize the market gain.

Technology used: Java.

SKILLS

Machine Learning, Math, Statistics, Python, Octave/Matlab, SQL, Java, C, C++, C#, Swift, Bash scripting, JavaScript/jQuery, PHP and Web Markup Languages.

Experienced with: NumPy, Pandas, scikit-learn, Jupyter-Notebook, OpenCV, SQL Databases, LINQ, Bootstrap Framework, .NET, MVC, JUnit, Git, Android, iOS/Xcode, Linux.

LANGUAGES

English, Italian, Moldavian/Romanian.

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WORK EXPERIENCE

Imola Informatica, Italy — *Analyst and Software Engineering*

OCTOBER 2018 - NOVEMBER 2018

Maintained and tested a distributed banking software which has been splitted in a microservices architecture starting from a monolith.

Bologna University, Italy — *Software Engineering Intern*

OCTOBER 2017 - JANUARY 2018

Developed an RCP Eclipse application using Java with the aim of making the creation of simulations for the Alchemist Simulator easier. The Alchemist Simulator is an extensible "meta-simulator", inspired by stochastic chemistry and tailored to pervasive computing and distributed systems.

AWARDS AND ACHIEVEMENTS

Mentee at LeadTheFuture - LeadTheFuture

OCTOBER 2018 - PRESENT

Among the few Italian students selected to be mentees for LeadTheFuture, a leading mentorship non-profit organization for students in STEM, with acceptance rate **below 20%**. LeadTheFuture empowers top-performing students to achieve their goals and contribute to their communities by giving them one-on-one guidance from high-impact mentors coming from the world's leading STEM innovation hubs such as Silicon Valley and CERN.

Experiment - Lega Coop

APRIL 2013

My team won the Experiment Startup Competition taking the 2^o place. presenting a Smart Domotic House project assessed among 50+ projects of several schools of my city. The project has been presented in several companies in Italy and abroad.

IELTS - band 6.5

JANUARY 2019 - JANUARY 2021

