

Petru Potrimba

Interested in making the world a better place.

EDUCATION

APPLIED FOR: University College of London,
London — *MSc in Data Science*

SEPTEMBER 2019 - SEPTEMBER 2020

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

OCTOBER 2015 - OCTOBER 2018

Final grade: **109**/110.

PERSONAL PROJECTS

spam-email-classifier — 2018 - *present*

Build a custom spam email classifier from scratch using SVM for training and dataset from SpamAssassin Public Corpus.

Technologies used: *Machine Learning*, Python, NumPy, Pandas, scikit-learn, Jupyter-Notebook.

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 techniques, 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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GitHub: <https://github.com/Pptr95>

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