

Samuele Ceroni

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EDUCATION

University College of Staten Island, New York City

Computer Science and Engineering

JANUARY 2020 - MAY 2020

I have been selected among all the students of my academic year and won a semester scholarship at the College of Staten Island in New York.

University of Bologna, Cesena

Computer Science and Engineering

SEPTEMBER 2017 - MARCH 2021

Third year, average mark above 29/30.

Attending extra lessons of competitive programming.

PERSONAL PROJECTS

nWoolcan 2019

Team OOP project, home brewery assistant. Best grade in the course.

Java, Gradle, TravisCI.

Learn more: github.com/Zeegomo/nwoolcan

LabAsd 2018

Algorithms and Data Structures Project. SQL emulator, implemented using RB Tree and dynamically updated heap.

C, Data Structure

Learn more: github.com/samueleceroni/labasd

Telegram Bot 2017

I developed a telegram bot in Python which acts as wallets manager. Python, TelegramAPI, SQL, C#, Entity Framework.

Learn more: github.com/samueleceroni/moneySplit

Learn more: github.com/samueleceroni/moneySplit_cs

Home Automation 2016

I developed a system to automate my own home using a Raspberry Pi and several virtual machines with open source operating systems. I am now able to remotely control and automate some smart appliances through mobile devices. MQTT, RaspBerry, Arduino, Networking.

VOLUNTEERING ACTIVITIES

Ciclistica Santerno

It's the youth cycling team of Imola, which trains children from 7 to 16 years old and organizes races with teams from all over Italy. I am a volunteer and the CIO of the association.

Learn more: ciclisticasanterno.it

WORK EXPERIENCE

Microsoft, Oslo

Software Engineer Intern JULY - SEPTEMBER 2020

Learn more: microsoft.com

G-Research, London

Software Engineer Intern JULY - DECEMBER 2019

The research arm of a hedge fund based in London. Developed a web service from scratch, continuously integrated and deployed through Bamboo on Kubernetes. Designed and developed the new latency measurement distributed system for the trading applications.

C#, .Net, Kubernetes, Bamboo, Java, Kafka, Jira.

Learn more: gresearch.co.uk

Coderfarm, Imola

Competitive Programming Tutor 2018 - 2019

Free lessons of competitive programming at the IIS F.Alberghetti in Imola, the school with most medals in Italy. The team got second place in Italian Olympiad in Informatics and took part in the international competition. C++, Competitive Programming

Learn more: coderfarm.it

AWARDS AND ACHIEVEMENTS

Mentee and in coordination team at Lead The Future Mentorship 2019 - NOW

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%. Give Back

Learn more: www.leadthefuture.tech

ICPC Pre Finals Workshop and Moscode

MARCH 2019

Attended the workshop in Moscow where best teams from all over the world prepare for the ICPC World Finals. Topics: DP optimization, persistent data structure, randomic algorithms. I took part in the Moscode coding competition with my team. C++, Competitive Programming, Algorithms, Data Structure

Learn more:

<https://it-edu.com/en/acm-menu/about-workshops/spring-training-2019>

Silver national medal at the European Union Science Olympiad 2015

Silver medal in a competition with the best 12 teams in Italy.

I was also admitted in the Italian register of excellencies Italian Olympic Game of Experimental Science.

Learn more: euso.it and miur.gov.it