



Ioan Samuel Negrea

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Address: 41124, Modena, Italy (Home)

WORK EXPERIENCE

SOFTWARE DEVELOPER – PROGEL-ENGINEERING – 01/03/2026 – Current – SPILAMBERTO, ITALY

I develop robust, mission-critical applications in C++ for the medical and agricultural sectors. Operating primarily in Linux environments (Ubuntu and Fedora), I bridge the gap between sophisticated user interfaces and raw hardware. My expertise ranges from crafting intuitive layouts in Qt Creator to implementing low-level drivers for CAN, SPI, UART, I2C, and Modbus protocols, ensuring seamless communication with hardware registers. On the hardware side, I routinely consult component datasheets, configure and integrate MRS Electronic controllers, and validate signals at the bench using oscilloscopes, multimeters, and function/voltage generators to ensure seamless hardware-software integration.

HELP DESK – VAR ENGINEERING – 26/05/2025 – 31/10/2025 – SANT'AGATA BOLOGNESE, ITALY

I've worked as help desk in Lamborghini. I offered technical support by doing Network Troubleshooting. I've used tools such as BMC Remedy, Secure CRT, Nagios, Cisco Prime Infrastructure, Infoblox and Dynatrace. I worked on shifts (alternated weeks, from 9am to 6:30pm and from 7pm to 3:30am).

AUTOMATION INTERN – ALESSANDRO (SIR SPA) – 20/05/2024 – 12/07/2024 – MODENA, ITALY

I have cabled robots and industrial control panels.

PYTHON DEVELOPER INTERN – DOXEE SPA – 08/11/2022 – 05/05/2023 – MODENA, ITALY

I made and edited python tools (programs) to manage a production process, got experience with platforms such as Salesforce and Jira, used Excel, and improved my knowledge of git by using it to work with repositories on bitbucket.

WEB DEVELOPER INTERN – MATTEO (TELE&CO) – 19/04/2022 – 06/07/2022 – MODENA, ITALY

I have learnt how to use Angular, PHP, Wordpress and improved my skills in HTML, CSS, Javascript, JQuery and different libraries. In addition to that I improved my knowledge of git by using it with github and gitlab.

WEB DEVELOPER INTERN – NACHO (GREEN SLOPE SL) – 01/07/2021 – 02/09/2021 – SEVILLE, SPAIN

I have developed my skills in Web development by using Tailwind CSS. I made Web pages in HTML, CSS and Javascript, programmed in Python, compiled Excel data and practiced Web development skills on Scrimba.

Employer's reference:

"As a former employer of Ioan Samuel Negrea during his Erasmus+ program from July 1st to September 2nd, 2021, I am pleased to write a few words for his CV. During his time with us, Ioan demonstrated a strong proficiency in using Tailwind CSS, Javascript, and Python. He also showcased his expertise in compiling and analyzing Excel data.

Ioan's dedication and commitment to his work were evident in the completion of various projects assigned to him. He showed great initiative and problem-solving skills while working on the Scrimba platform, where he completed some practical exercises.

Overall, Ioan was an asset to our team during his time with us. We appreciated his technical skills, work ethic, and positive attitude. We wish him all the best in his future endeavors."

ELECTRONIC INTERN – LIFELETTRONICA – 21/05/2018 – 21/06/2018 – MODENA, ITALY

I did various processes such as testing sensors, putting silicone on sensors, screwing screws and bolts, pressing pins and packing cardboards.

● **EDUCATION AND TRAINING**

15/09/2016 – 10/06/2020 Modena, Italy
HIGH-SCHOOL DIPLOMA IIS Corni

Website <https://www.istitutocorni.edu.it/> | **Level in EQF** EQF level 4

19/10/2020 – 15/09/2022 Modena, Italy
IT DIPLOMA FITSTIC - Modena

- Application development with Java, Visual Studio C# / .NET, Python
- Web development: HTML5 / CSS3 / Javascript / Bootstrap / JQuery / Django / ASP .NET
- Database Systems and Data Access Technologies
- Architectures and Operating Systems / Computer Security and Cybersecurity / Networking

Address Viale Buon Pastore 43, 41124, Modena, Italy |

Website <https://www.fitstic.it/it/b/154/tecnicosuperioreperlosvilupposoftwarecontecnologiesmarteiot> | **Level in EQF** EQF level 5

11/12/2023 – 31/07/2024 Modena, Italy
AUTOMATION DIPLOMA IAL

Website <https://www.ialemiliaromagna.it/> | **Level in EQF** EQF level 4

29/04/2025 – CURRENT
IT ENGINEERING DEGREE (INTELLIGENT SYSTEMS) International Telematic University Uninettuno

Website <https://www.uninettunouniversity.net/en/universita.aspx> | **Level in EQF** EQF level 6

● **LANGUAGE SKILLS**

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ITALIAN	C2	C2	C2	C2	C2
ENGLISH	C1	C1	C1	C1	C1
KOREAN	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **PROJECTS**

Some of my projects

<https://github.com/samuelnegrea>

● **HOBBIES AND INTERESTS**

My interests

I like reading books about different subjects in particular books IT related.

● **DRIVING LICENCE**

Driving Licence: B

● **LINKEDIN**

My LinkedIn

[Samuel Negrea | LinkedIn](#)

● **COMMUNICATION AND INTERPERSONAL SKILLS**

My communication skills

I am able and enthusiast to work in team.

● **ORGANISATIONAL SKILLS**

My organization skills

I know that a good organization is very important.