



Senya Pecican

Programming Architect

I am Senya

S stands for taking my job seriously while also having a Sense of humor handling daily tasks and finding Successful Solutions to problems that come along my way. E comes from always being Energetic & Eager to learn new skills or improve. N is for being intuitive Naturally. Yearful for change. Attentive with details, Adaptable, and striving for Achievements.

CONTACT



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www.linkedin.com/in/SenyaR

EDUCATION

Master's Degree in Probabilities in Artificial Intelligence

University of Bucharest 2022 - 2024

Developing the practical skills needed by specialists in the field.

Combining theoretical knowledge with applied notions in various subfields, such as artificial vision, natural language processing, or retrieving special information flexible that can easily face the challenges that appear in the most varied practical paradigms.

BACHELOR in Applied Mathematics & Computer Science

University of Bucharest 2019 - 2022

Admission exam in Informatics & Mathematics. Finished with top marks in my Bachelor dissertation 10/10.

**Performance & Merit Scholarship
Computer Science Department**

University of Sibiu 2018

Natural Science Department 2013-2017

„Emil Racoviță” National College Cluj-Napoca

- 2nd National level, 1st Cluj County
- Accepted in the first class with a GPA of 9.79/10
- Awarded yearly the Scholarship for great GPA, coming into the top 10% of my year

Erasmus+ Excellence Scholarship 2016

„Gian Battista Vico” Linguistic High School Crotone, Italy

PROFESSIONAL EXPERIENCE

2022-2023 **Technology Graduate | London Stock Exchange Group**

Full Time Python Developer on an internal project called Metrics Dashboard where I started by reconfiguring the project, rethink the architecture to make it plug and play with all the major platforms in the Capital Market division and write the tests for each branch, in order for the errors to be caught ahead of time. I also prepared for the AWS Certificate Cloud Practitioner. Received an offer to move on a project on Data Analytics in New York.

2020-2022 **Professor IT Department | „Iulia Hasdeu” National College**

Student-centered Professor with expertise in Computer Science & Information and Communications Technology. Offers two-year background supporting students from ages 14 to 18 in the learning process of C++, HTML and the complete Microsoft Office Suite, developing and organising instructional plans followed by testing their knowledge by grading exams and uploading them to the school database.

2021 **Deputy Manager | Finaxia Solutions**

Worked by myself on the programming side, adapting an international accounting software called SmartVault. Staying updated on changing product and service options to provide top-notch support to customers and employees.

Conferred with customers daily to maintain a current understanding of needs and preferences, resolve issues and promote brand loyalty. Partnered with upper management in executing functional strategies and reporting capabilities.

Created reports and analyzed and interpreted data. Assisted senior manager with payroll, scheduling, and cash deposits and receipts. Assumed senior management workloads in the absence of the general manager to maintain operations continuity.

Implemented process improvement to shape organizational culture, optimize procedures for higher efficiency, and help the company evolve and grow

2020 **Intern | Chelgate Public Affairs & Public Relations**

Internship under the tutelage of Mirela Meita, General Manager in which I dealt with the processing of marketing materials, participated in meetings, negotiations and company events

2019 **Prize for creativity | “3ITC” Computer Science National Competition**

Created a C# & C++ application based on 3 words drawn by lot organized by Petrol-Gaze University of Ploiești, iTIMF department



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EXPERTISE

- Python
- C/C++ C#
- SQL
- HTML
- MatLab
- R
- high-performance Microsoft Office suite
- LaTeX, Overleaf

APTITUDES

Fluent: C2 English, Romanian
Basic: B1 French

Driver's licence: Category B

ADDITIONAL INTERESTS

- Reading
- Photography
- Tennis
- Skiing
- Writing

PROFESSIONAL EXPERIENCE

2017	1st National Prize "Public speaking" Competition Speech on a given topic held in front of multiple juries within different stages of difficulty
2016	2nd National Prize Romanian Academy Essay written with the theme "150 years of cultural-scientific activity in the service of the Romanian nation" 3rd Place Prize Rotary Club Contest entitled "Transylvanian School" organized in partnership with the Romanian Academy
2015	Prize for the Most Creative Speech County Library "Octavian Goga" Cluj-Napoca Contest "Battle of the books" for the presentation of a book from a given list
2013	Coordinator "MatLan" Lycée d'Altitude Briançon, Marseille A project which involved solving and demonstrating mathematical problems along with students from France Silver National Medal Ministry of National Education Contest „National Assessment" Romanian language & literature Bronze National Medal Ministry of National Education Contest „National Assessment" Mathematics