



## Elisei PROFIR

**Date of birth:** 1996

**Nationality:** Romanian

### CONTACT

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[linkedin.com/in/eliseiprofir](https://linkedin.com/in/eliseiprofir)

[github.com/eliseiprofir](https://github.com/eliseiprofir) (**GitHub**)

### APPLYING FOR

● **Python Developer** ● **Backend Developer** ● **Software Developer**

### PROJECTS

10/2024 – CURRENT

#### ● **Budget Management System Application**

A comprehensive full-stack application for managing personal and family finances. The application uses Django and Django REST Framework for the backend, Streamlit for a fast, interactive frontend, and is fully containerized with Docker. It features JWT authentication, asynchronous task processing with Django Q, real-time balance analytics, and is deployed in production using Railway, Neon (PostgreSQL), and Upstash (Redis).

Main features:

- Multi-location Tracking: Record transactions across multiple locations
- Bucket System: Organize your money into different financial purposes
- Income Splitting: Automatically distribute income across multiple financial buckets
- Custom Categories: Organize with customizable transaction categories
- Inter-wallet Transfers: Move funds between different locations and buckets with neutral transactions
- Comprehensive Analytics: View monthly, yearly, and historical reports
- Visual Insights: Make informed decisions with data visualizations
- Real-time Balance: Track your current financial status across all locations and buckets

App links

- Backend / Django REST Framework: <https://api.elisei.pro>
- Frontend / Streamlit App: <https://app.elisei.pro>
- Project's GitHub Repository: <https://github.com/eliseiprofir/budget>

### WORK EXPERIENCE

#### ● **SELLification – Educație și Formare Experiențială** Timișoara / Online, Romania

**Business or Sector** Other service activities | **Department** Educație și Formare Experiențială |  
**Email** [contact@sellification.org](mailto:contact@sellification.org) | **Website** [www.sellification.org](http://www.sellification.org)

##### **Marketing Manager (Full-time)**

02/2020 – 02/2024

I started as a Junior Marketer, then rapidly progressed to Specialist Marketer and Marketing Manager.

The responsibilities and activities I performed were:

- Creating marketing content (copywriting) such as emails and posts for our distinct communities (teachers, trainers, salespeople) and clients.
- Planning, scheduling, and publishing content on social media platforms (Facebook, Instagram, LinkedIn, YouTube) and to our email database (Active Campaign).
- Creating Facebook Ads and Email Marketing campaigns that resulted in substantial sales growth.
- Project Manager on certain team projects – creating project procedures and processes, setting tasks, delegating to the right people, performing marketing tasks, setting deadlines, and ensuring tasks are completed on time.
- Managing and optimizing social media channels – Facebook, Instagram, LinkedIn, and YouTube.
- Managing and optimizing the email database in Active Campaign – lists, forms, tags, automation, processes, and integration with the WordPress website.
- Managing the online shop – physical products, virtual products (courses), customers, authors, coupons, banners, cross-sales, up-sales, technical support – and integrating with Facebook (Meta) for conversion and sales capture.
- Managing and optimizing website pages in WordPress, Divi theme – creating landing pages (for products, webinars, courses, books), integrating with Active Campaign for lead collection, integrating with Facebook (Meta) for conversion capture.

Here are some numerical results:

- Over 100 Facebook Ads campaigns, over 750 Emails sent and tens of thousands of euros in sales.

- I contributed to forming the SELLification Educators Community of over 30,000 members (the first 20,000 gathered in less than 1 year) and the SELLification Trainers Community of over 2,000 members.
- I provided support for trainers and facilitators in the team in over 50 online Zoom events (courses, webinars, programs) with over 40,000 participants.

**BIZZ.CLUB România** Timișoara / Online, Romania

**Business or Sector** Other service activities | **Department** Business Networking | **Email** [office@bizz.club](mailto:office@bizz.club) | **Website** <https://bizz.club/>

### Specialist Marketer (Part-time)

04/2020 – Current

- Managing and optimizing Social Media Accounts (Facebook, LinkedIn) and Audio/Video Accounts (YouTube, Spotify).
- Creating articles and posts with valuable content for the audience, derived from our weekly business networking meetings.
- Creating and editing podcast episodes (video editing for YouTube and audio editing for Spotify) with valuable content for the audience, derived from our weekly business networking meetings – cutting & trimming videos, adding transitions, sound finishing touches, etc.
- Creating marketing content (copywriting) for email marketing campaigns and social media posts
- Planning, scheduling, and publishing the above mentioned content online – on websites, emails, and posts on Facebook, LinkedIn, YouTube, and Spotify.

**Beekeeper** Galati, Romania

### Freelancer

04/2013 – 07/2019

I started to manage a family business when I was 16 years old, during highschool, until I finished the university:

- Honey production (on average 750 kg / year),
- German queens (Buckfast) production (on average 150 items / year), and
- Average annual profit of 12.450 RON.

## EDUCATION AND TRAINING

**09/2023 – 01/2024** Online, United States

### CS50x: Introduction to Computer Science Harvard University

This is CS50x, Harvard University's comprehensive introduction to computer science and programming, led by David J. Malan. Topics & skills:

- A broad and robust understanding of computer science and programming
- How to think algorithmically and solve programming problems efficiently
- Concepts like abstraction, algorithms, data structures, encapsulation, resource management, security, software engineering, and web development
- Familiarity with a number of languages, including C, Python, SQL, and JavaScript plus CSS and HTML

Duration: 11 weeks long – 10-20 hours per week

**Website** <https://pll.harvard.edu/course/cs50-introduction-computer-science> | **Field of study** Computer Science, Programming |

**Final grade** 10

**Link** <https://certificates.cs50.io/e9c0eebe-03cb-45cd-909c-69323cbdc705.pdf?size=A4>

**07/2023 – 09/2023** Online, United States

### CS50's Introduction to Programming with Python Harvard University

This is CS50's Introduction to Programming with Python, by Harvard University, led by David J. Malan. Topics & skills:

- how to read and write code;
- functions, arguments, and return values;
- variables and data types;
- conditionals, loops, exceptions, and Boolean expressions;
- object-oriented programming (OOP);
- regular expressions, file I/O, and libraries;
- testing and debugging.

Hands-on opportunities for lots of practice. Exercises inspired by real-world programming problems.

Duration: 9 weeks long – 3-9 hours a week.

**Website** <https://www.harvardonline.harvard.edu/course/cs50s-introduction-programming-python> | **Field of study** Python Programming |

**Final grade** 10

**Link** <https://certificates.cs50.io/63506548-db19-42b9-80de-3c045636d587.pdf?size=A4>

**05/2024 – 06/2024** Online, United States

### CS50's Introduction to Databases with SQL Harvard University

This is CS50's introduction to databases using a language called SQL. This course helped me learn how to :

- create, read, update, and delete data with relational databases, which store data in rows and columns.
- model real-world entities and relationships among them using tables with appropriate types, triggers, and constraints.
- normalize data to eliminate redundancies and reduce potential for errors.

- join tables together using primary and foreign keys.
- automate searches with views and expedite searches with indexes.
- connect SQL with other languages like Python and Java.

Assignments inspired by real-world datasets.

Duration: 7 weeks – 6-12 hours per week

**Website** <https://pll.harvard.edu/course/cs50s-introduction-databases-sql> | **Field of study** Computer Science | **Final grade** 10

**Link** <https://certificates.cs50.io/91539629-c258-4f6e-b4eb-a1c1b8120b1d.pdf?size=A4>

**03/2024 – 05/2024** Online

## Scientific Computing with Python freeCodeCamp

This course helped me learn:

- String Manipulation by Building a Cipher
- How to Work with Numbers and Strings by Implementing the Luhn Algorithm
- Lambda Functions by Building an Expense Tracker
- Python List Comprehension by Building a Case Converter Program
- Regular Expressions by Building a Password Generator
- Algorithm Design by Building a Shortest Path Algorithm
- Recursion by Solving the Tower of Hanoi Puzzle
- Data Structures by Building the Merge Sort Algorithm
- Classes and Objects by Building a Sudoku Solver
- Tree Traversal by Building a Binary Search Tree

For the required projects to claim my certification, I built: an Arithmetic Formatter, a Time Calculator, a Budget App, a Polygon Area Calculator, and a Probability Calculator

**Website** <https://www.freecodecamp.org/learn/scientific-computing-with-python/> | **Field of study** Python Programming

**Link** <https://www.freecodecamp.org/certification/proelisei/scientific-computing-with-python-v7>

**02/2024 – 04/2024** Online / Udemy

## Clean Code Academind

This course taught me how to write clean code - easy to read and understand by humans, not just computers:

- Code clarity & structure: clean naming (variables, properties, classes, functions, etc.), good commenting principles, code formatting (both horizontal and vertical)
- Function design: single-responsibility, minimal parameters, avoiding side effects using DRY code (Don't Repeat Yourself) and splitting functions to keep them small
- Control flow simplification: reducing nesting with guard clauses, extracting logic into functions, using error handling instead of conditionals
- Object-oriented design: cohesion in small classes, understanding data containers vs objects with behavior, applying the Law of Demeter
- Clean architecture principles: SOLID principles and their role in maintainable, modular, testable code

**Website** <https://www.udemy.com/course/writing-clean-code> | **Field of study** Programming

**Link** [ude.my/UC-6162c1c2-ec76-4224-a9fc-2145533e0a83](https://www.udemy.com/course/writing-clean-code)

**01/10/2016 – 07/07/2019** Iași, Romania

## Batchelor in Economics and Business Administration Universitatea „Alexandru Ioan Cuza”

**Website** <https://www.feaa.uaic.ro/> | **Field of study** Management | **Level in EQF** EQF level 6

## SKILLS ACQUIRED

### From programming courses and exercises

Python Programming:

- Syntax & Control Flow (variables, data types, operators, loops, conditionals)
- Functions & Functional Programming (functions, lambdas, recursion)
- Object-Oriented Programming (OOP)
- Testing, Error Handling & Debugging
- Data Structures & Algorithms
- Libraries, File I/O & Regular Expressions

Other skills:

- Software engineering fundamentals: Clean Code & SOLID Principles
- Database: SQL, SQLite, PostgreSQL
- Programming Tools: Microsoft Visual Studio Code, PyCharm
- Version Control: Git, Github

### Building my Budget Management System Application Project

(Besides the skills above)

- Backend Development & APIs: Django, Django REST Framework (DRF), REST API Design, JWT Authentication, Asynchronous Task Management (Django Q), API Testing
- Data Storage & Caching: PostgreSQL (Neon), Redis (Upstash), Cache Invalidation & Optimization
- Frontend & Data Visualization: Streamlit, Pandas
- Deployment & Infrastructure: Docker & Docker Compose, GNU Make, Railway, Environment-Specific Configuration Management
- Testing: Pytest & Unit Testing, Model Bakery (test fixtures)

## Working as a Marketer at SELLification & BIZZ.CLUB

Marketing skills:

- Digital / Online Marketing
- Social Media Marketing & Optimization: Facebook (Ads), Instagram, LinkedIn, YouTube
- Email Marketing: Active Campaign
- Marketing Management & Strategy
- Product Promotion & Customer Oriented
- Copywriting

Other skills:

- Project Management
- Client & Technical support

Technical skills:

- Foto (Basic Design), Video and Audio editing: Adobe Premiere, Adobe Photoshop, Canva
- Collaborative work with documents: Microsoft Office (PowerPoint, Excel, Word) & Google Suite (Drive, Docs, Sheets, Slides)
- Collaborative apps for task management and communication: ClickUp, Trello, Asana, Slack, Zoom, Google Meet

## COMMUNICATION AND INTERPERSONAL SKILLS

### Communication and interpersonal skills

During my collaboration with the company and the SELLification team, I have acquired significant interpersonal skills:

- Proactive, direct communication with consideration, aiming for clarity and efficiency
- Active listening to better understand tasks and working methods
- Teamwork and support for team members whenever the opportunity arose

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Romanian

**Other language(s):**

English

Listening C1

Spoken production B2

Reading C1

Spoken interaction B2

Writing B2

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

## NETWORKS AND MEMBERSHIPS

**03/2020 – CURRENT** România

**BIZZ.CLUB**

Link <https://bizz.club/>

## ABOUT ME

### Short description

I am a happy husband. :) I build my life around my values and beliefs. I like to play the piano, to read (preferably in nature), and to exercise. I am happy when I bring well-being into the lives of those I meet. I appreciate punctuality, order, and organizing things, and I pay attention to details (sometimes too much). I seek to make my work easier through automations and optimizations. I believe there is always room for kindness, friendliness, and respect. I believe that every person is beautiful in their own way, with strengths and weaknesses.

### Hobbies

- Music and playing the piano
- Technology and applications
- Programming, organization, automation, optimization of things
- Sport
- Reading
- Cars & Driving

Link <https://www.youtube.com/watch?v=0jZpEHIMWDQ>

CS50 Certificate

CS50 congratulates

**Elisei PROFIR**

on completion of CS50x, including ten problem sets and one final project.

Awarded from Cambridge, Massachusetts,  
in the year two thousand twenty-four.

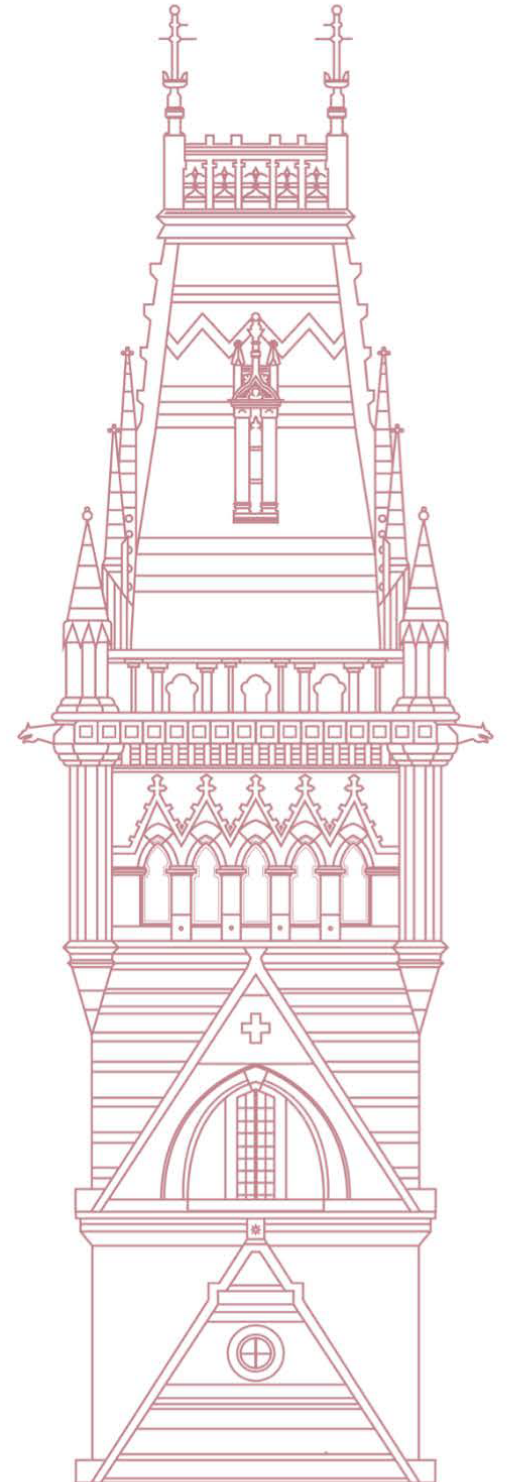


**David J. Malan**

Gordon McKay Professor of the Practice of Computer Science  
Harvard University



<https://cs50.harvard.edu/certificates/e9c0eebe-03cb-45cd-909c-69323cbdc705>





CS50 congratulates

**Elisei PROFIR**

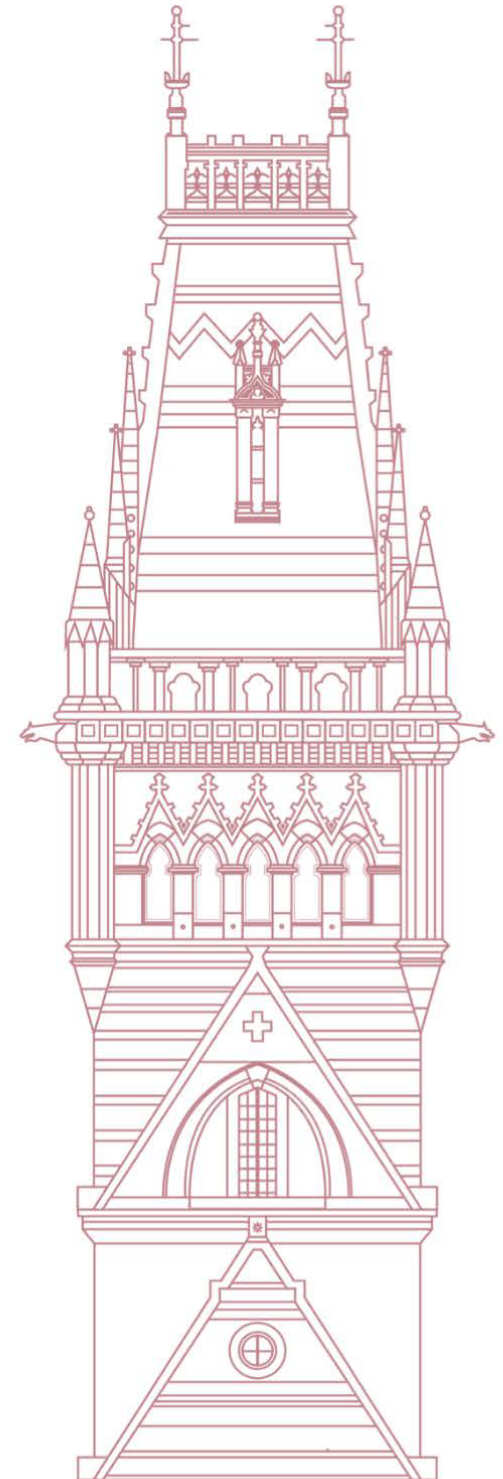
on completion of CS50's Introduction to Programming with  
Python, including nine problem sets and one final project.

Awarded from Cambridge, Massachusetts,  
in the year two thousand twenty-three.



**David J. Malan**

Gordon McKay Professor of the Practice of Computer Science  
Harvard University



CS50 Certificate

CS50 congratulates

**Elisei PROFIR**

on completion of CS50's Introduction to Databases with  
SQL, including seven problem sets and one final project.

Awarded from Cambridge, Massachusetts,  
in the year two thousand twenty-four.

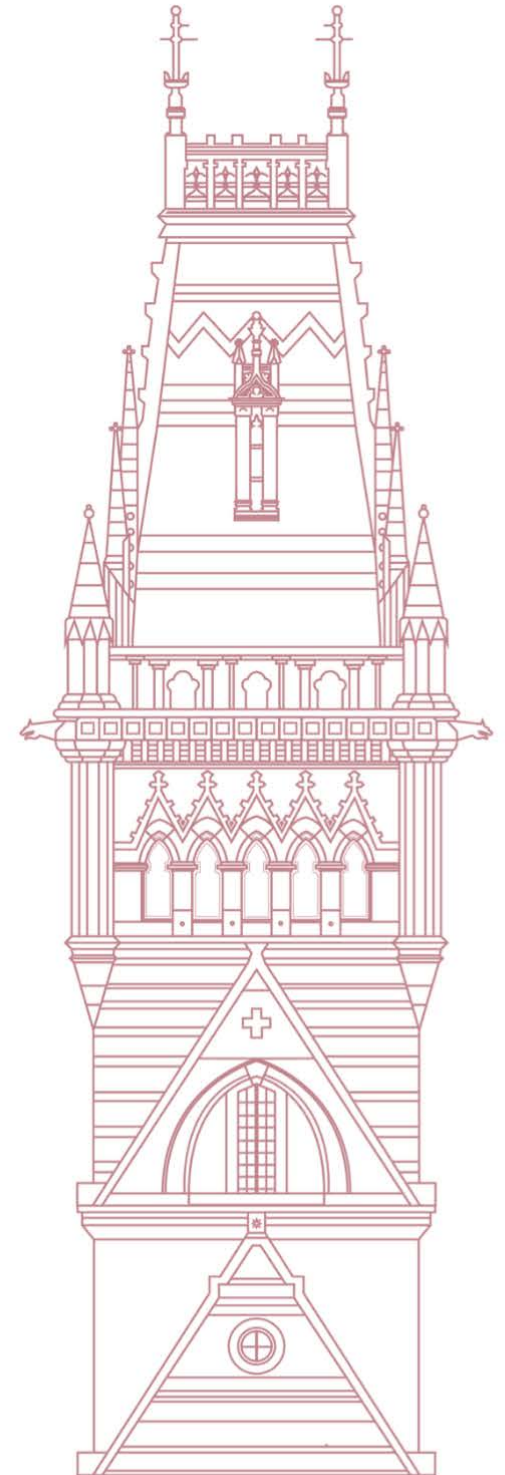


David J. Malan

Gordon McKay Professor of the Practice of Computer Science  
Harvard University



<https://cs50.harvard.edu/certificates/91539629-c258-4f6e-b4eb-a1c1b8120b1d>





This certifies that

**Elisei PROFIR**

successfully completed the

# Scientific Computing with Python

Developer Certification on May 16, 2024

representing approximately 300 hours of work



A handwritten signature in black ink, appearing to read "Quincy Larson", positioned above a horizontal line.

Quincy Larson

Executive Director, freeCodeCamp.org



Verify this certification at:

<https://freecodecamp.org/certification/proelisei/scientific-computing-with-python-v7>





Certificate no: UC-6162c1c2-ec76-4224-a9fc-2145533e0a83  
Certificate url: [ude.my/UC-6162c1c2-ec76-4224-a9fc-2145533e0a83](https://ude.my/UC-6162c1c2-ec76-4224-a9fc-2145533e0a83)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Clean Code

Instructors **Academind by Maximilian Schwarzmüller, Maximilian Schwarzmüller**

**Elisei PROFIR**

Date **Feb. 27, 2024**

Length **6.5 total hours**