

# Andrei Dobrescu

Bucharest

[andreidkarp@gmail.com](mailto:andreidkarp@gmail.com)

+40 769 789 819

I'm curious and perseverant, an avid reader and a quick learner.

I enjoy problem solving and all kinds of puzzles.

I'm a logical and critical thinker and I can usually extract clarity where possible.

I look to the future with optimism and like studying the tools that mankind uses to build it.

It was in early 2020 when I decided to align my profession to my passion and started devoting 6 to 8 hours per day to learning Computer Science. The programming language I chose was Python.

In learning, I've used the following resources:

Computer Science Career Path on Codecademy, with the following modules:

- Introduction to Programming
- Data Structures and Algorithms
- Databases
- Computer Architecture
  
- Completed AWS Cloud Practitioner Essentials
- Modern Application Development with Python on AWS Specialization
- Learn Flask Course
- Learn Data Analysis with Pandas
- Visualize Data with Python
- Learn Web Scraping
- Learn Statistics with NumPy
- Learn Git: Basic Git Workflow, Backtracking, Branching, Teamwork
- Learn Language Parsing
- Analyze data with SQL
- Python code exercises on HackerRank.com and Exercism.com
- Design databases with PostgreSQL

## Work Experience

---

### **Python Developer**

Sostenia

2021 to Present

Solving business problems and contributing to the digitalization of business processes.

Work involves:

- Developing Python modules
- Developing APIs and connectors that interface with multiple E-commerce and ERP platforms

- Using Python to create powerful modules and apps that integrate into the Odoo ERP

## **Python Developer**

Freelancer

2020 to 2021

I've worked on multiple freelance projects for different companies, involving:

- Web Scraping using Scrapy
- ETL data integration using Python, Spark (PySpark) and DataBricks
- Designing Restful APIs
- Working with SQL and NoSQL databases (MySQL, PostgreSQL, MongoDB)
- Designing serverless web apps on AWS
- API driven development

Acquired skills and knowledge:

Python, SQL, Bash, GIT, GitHub, Pandas, PySpark, PyArrow, Scrapy, MongoDB, Flask, SQLAlchemy, Docker, AWS Essentials, AWS Lambda, AWS API Gateway, AWS Step Functions, AWS X-Ray

## **Freelance Entrepreneur - Freelance**

Self Employment

December 2009 to February 2020

10 years and 3 months Bucharest | Marketing | Advertising / Marketing / PR

I've managed my own business providing quality services including brand development and brand management, social media advertising, and content creation.

## Education

---

### **Bachelor's degree in Communication and Public Relations**

SNSPA

2005 to 2008

## Skills

---

- Git
- Pandas
- Python
- SQL
- REST
- MongoDB
- MySQL
- APIs
- XML
- JSON
- ETL
- NoSQL

- AWS
- Flask
- AWS Lambda
- Docker
- SQLAlchemy
- SOAP

## Languages

---

- English - Expert