

# Record of Achievement

## Manuel Carrier-Nunes

Date of birth: December 13, 1982

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has successfully completed the following openSAP course:

### Python for Beginners

Instructors: Christian Drumm, Stephan Jacobs

This six-week online course (plus a preparation week) was held from April 5 through June 1, 2022.

It comprised 5-7 hours of learning effort per week, 6 weekly assignments, a final exam and practical programming exercises.

The course covered the following topics:

- Python Fundamentals
- Lists and Loops
- Complex Data Types
- Reading and Writing Data
- Functions
- Libraries

Maximum score possible for this course: 260 points.

**The candidate scored 260.0 points (100.0%) by working on weekly assignments and taking a final exam.**

**The candidate belongs to the top 5% of the course participants.**



Michaela Laemmler  
Head of openSAP



Christian Drumm  
Professor of Information  
Systems, FH Aachen,  
Germany



Stephan Jacobs  
Professor of Information  
Systems, FH Aachen,  
Germany



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Walldorf, Germany, May 26, 2022



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