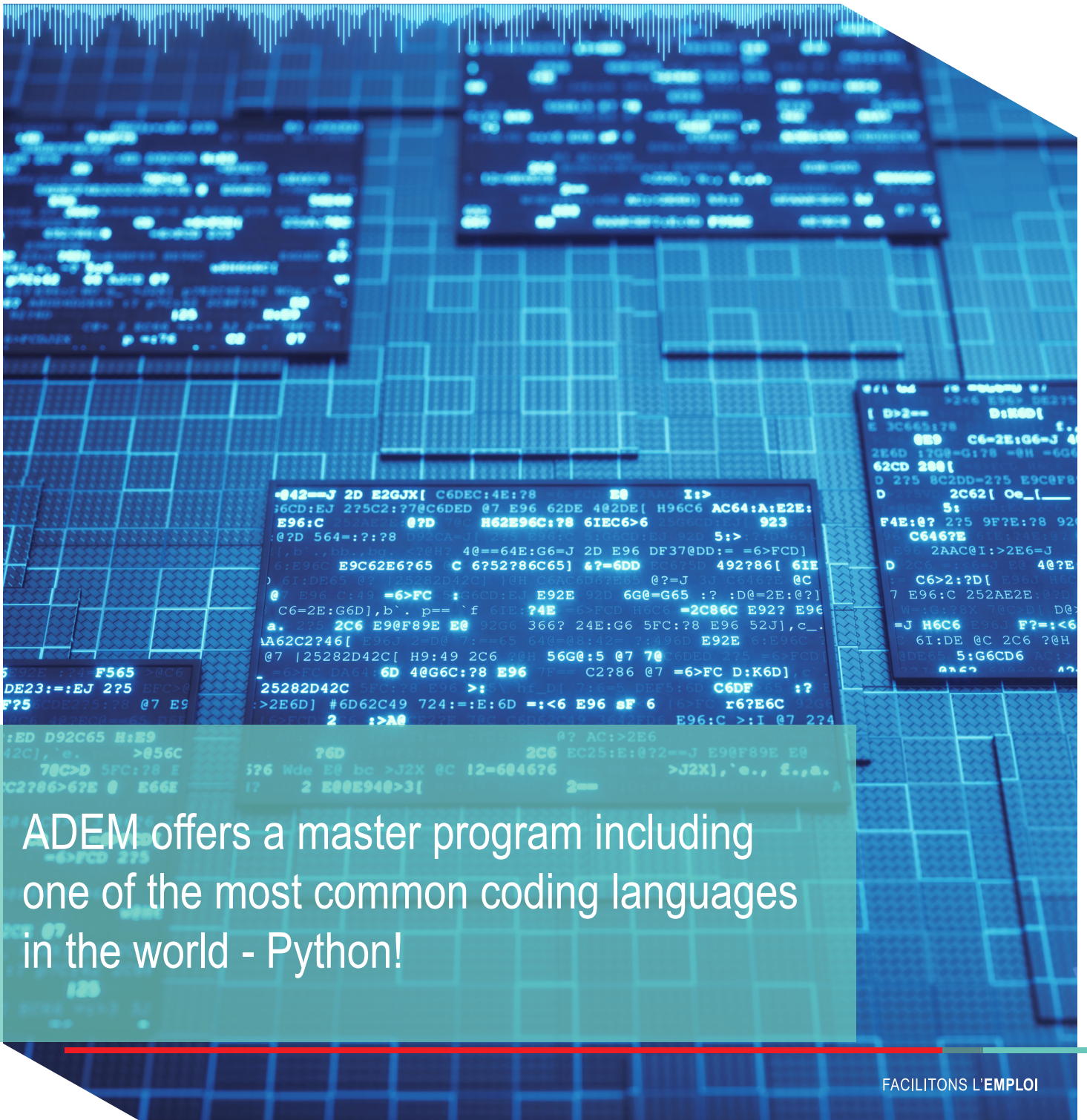


Training

# « Python Developer »



ADEM offers a master program including one of the most common coding languages in the world - Python!

The skills you will acquire during this training program will allow you to evolve in a professional environment using standard processes, tools and applications.

## Training content

### Professional basics of Python:

- Python basics
- Git Workflow

### The full scope of API development:

- API Key Concepts and Tools
- API (Application Programming Interface) consumption
- Build REST-API with FastAPI

### Relational Database and Security:

- Fundamentals
- Adapter Psycopg2
- ORM SQLAlchemy
- Authorization/Authentication

### Employability :

- Key Elements of a successful CV and job interview
- Public speaking

### Performance Monitoring:

- Continuous deployment and testing
- Source code management using Git
- Performance Monitoring

### Agile Methodology:

- Agility in project management (Scrum)

### Final Team Project:

- Team project
- Project presentation and recruiting workshop
- Individual evaluation to certification

## Target group

Jobseekers registered with ADEM wishing to change their career to a new profession in web and mobile technologies.

## Qualifications required

### Diploma:

No specific pre-requisite qualification

### Language skills:

EN – a good knowledge of English (writing, reading and speaking)

### Others:

- Logic Test as well as Soft Skills and Hard Skills Tests are obligatory and they need to be successfully completed
- Be motivated
- Basic computer skills
- An interest in IT: internet, databases, development
- Excellent communication skills

 DURÉE	9 weeks
 LOCATION	CNFPC Bâtiment Terres Rouges - 14, Porte de France - L-4360 Esch-sur-Alzette
 CONTACT	Have we raised your interest? Then please get in touch with your ADEM counsellor or alternatively write us an email: <a href="mailto:employeur-ict@adem.etat.lu">employeur-ict@adem.etat.lu</a>

