BRAINNEST

Python Developer
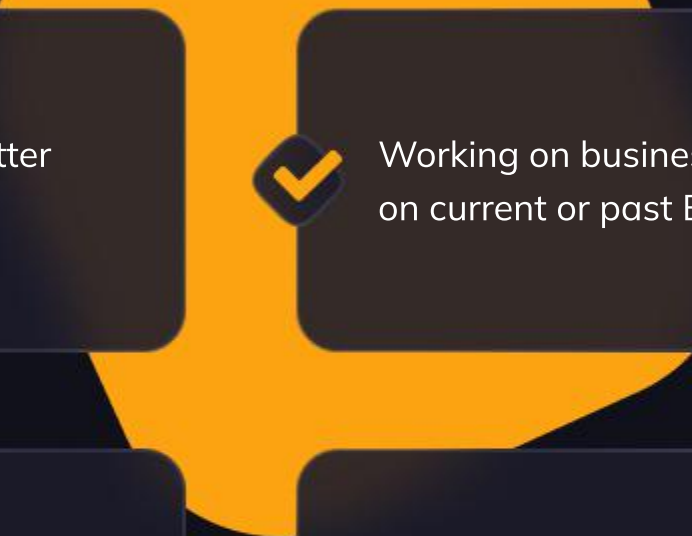
Industry Training by Brainnest

We believe...

We believe that theoretical education and industry training should be together more responsive to real market needs. Yet we are still noticing a growing demand for under-graduates and fresh graduates to get appropriate business training and an excellent opportunity to be part of the business world, work on industry tasks and projects, and practically learn how things work in the labor market. Because of that, Brainnest has decided to allow undergraduates and fresh graduates to have this valuable opportunity through this program. The program aims at enabling the participants to work on business projects, get proper guidance, and learn practical concepts rather than just theoretical concepts.

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What benefits will you gain?

Participants will receive the best possible practical training with the prospects of a job. This is the purpose of the whole program. Some of the benefits you will gain from this practicum program are listed below:

Priority to be selected for a full-time, part-time, or contractor position at Brainnest or the companies we work with (90% of our recruitments are internal)

Business certificate from Brainnest – German consulting company

Reference/recommendation letter from your training tutor

Working on business cases based on current or past Brainnest projects

Lectures given by experienced industry professionals

Close supervision and orientation from your mentor

Working an average of one to two hours per day with a flexible schedule

Fully remote positions with access to online tools and platforms

Unlocking your potentials and getting prepared to be hired right away

Professional business training, guidance, and experience

Having your work criticized, assessed, and corrected

Professional projects experience to put on your CV

www.brainnest.consulting

About

Brainnest

Bremen, Germany

The business management and training company headquartered in Bremen, Germany

We are a success-driven firm that provides management advisory and contracting services customized to help companies from different industries with business management problems. Brainnest runs, leads, and manages complex projects and initiatives. We have begun from scratch when a network of professionals, Ph.D. holders, and highly skilled personnel bring to a business table their practical and academic years of experience to form up a concrete blueprint on which the company has been designed.

Since 2020, we offer a combination of expertise, proficiency, and commitment leveraging our deep industry experience, along with using analytical rigor to drive outstanding results for businesses. We proudly provide topclass consulting and training services for a wide range of industries around the world. A well-equipped team, advanced tools, and modern methodologies are some of what we correctly utilize to offer our clients what makes them the best in their fields.

Throughout the Brainnest's program, you will find out about:

✓ Python Basics - reading and writing basic programs in Python, its syntax and how coding works. This stage is considered fundamental and will prepare you for the rest of the course, giving you a surface-level understanding of the language.

✓ Cybersecurity - For those interested in this area, together we will write essential security tools such as netcad or sniffer, as well as offensive tools to compromise networks. The attacks will also be demonstrated and you will see the whole process. We will also realize the importance of writing such tools yourself, instead of using those available online.

✓ Data Structure - On top of learning Python's built-in data structures, such as lists, tuples, sets and dictionaries, you will learn how to think algorithmically and how to become a problem-solving machine by going through many challenges throughout the program.

✓ Task Automation - you will start automating tasks and making your life easier. Some of the topics we will go through are pattern matching, working with files, debugging, web scraping, task scheduling and emailing.

✓ Networking - using libraries such as paramiko or socket, we will build networking tools, get into socket programming and start doing network automation. You can also see how we can make use of the machine without any tools or even an Internet connection by writing a few simple lines of code.

... and much more!

Arsalan

Arsalan is a Cisco Certified Network Engineer and graduated with merit from Cisco Networking Academy.

He has more than four years of experience in the IT industry. During this time, he has worked both as a freelancer and as an assistant at his university where:

1.   Demonstrated security attacks such as layer 2 attacks.
2.   Helped with overall network security.
3.   Assisted with configuration and troubleshooting.
4.   Developed software from scratch in Python language.

Arsalan is a hardworking individual, known for his perseverance and patience in pursuing his goals. He is also an ethical hacker and is currently among the top 1% of hackers on TryHackMe.com.

He has repeatedly been ranked as one of the top hackers in Turkey. Arsalan is a talented programmer and has completed many projects in Python, C++, and PostgreSQL. Linux and Windows administration are other skills in which he is proficient. Arsalan is a lover of technology. He is fascinated by the beauty of computers and electronics every day and never stops learning about them.

Outside of technology, Arsalan has been a student of martial arts for over ten years. Participating in many fights has taught him that you have to be tough and do whatever it takes to reach your goal. Being able to teach, spread knowledge and make a small impact on society, especially the IT community, has made him feel very happy and privileged, and he considers it a divine task.

Program Calendar

The training program consists of four weeks, with four parts of a project.

Each part will be introduced on Tuesday and reviewed on Monday.

start on		finish on
17	>	**13**
January		February

You can choose whether you want to be in

Group A (starts at 9 a.m.)

Group B (starts at 7 p.m.)

🕐 **The hours are given in German local time**

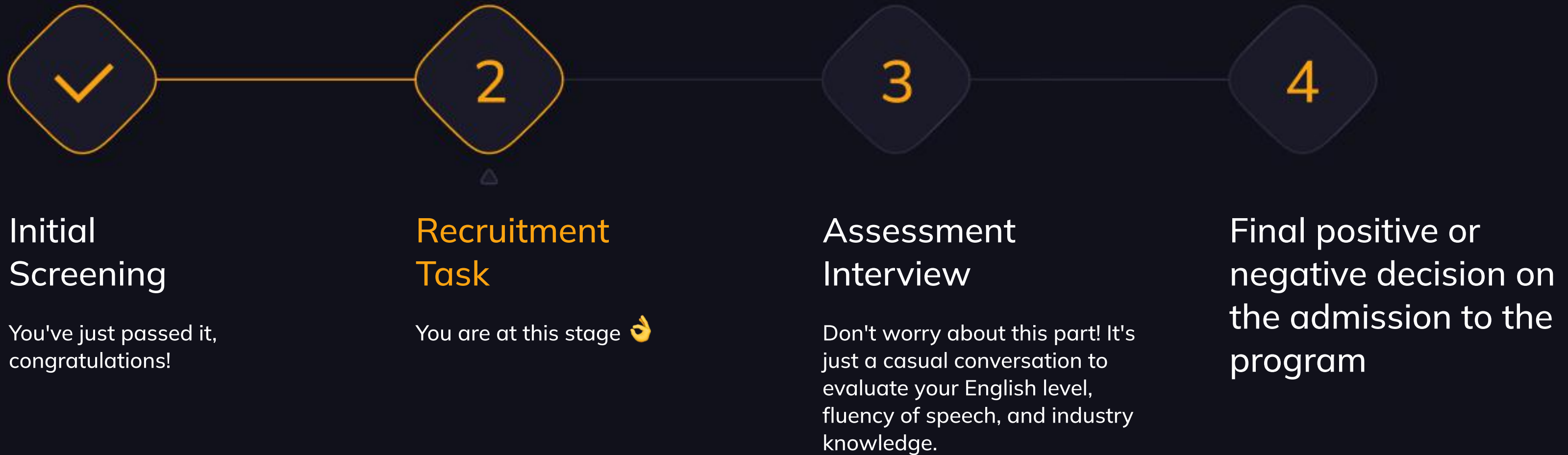| Tuesday	Wednesday — Sunday	Monday
January 17 Program Kick Off + Concept insights + Project [1] details Group A: 9:00 – 11:30 a.m. Group B: 7:00 – 9:30 p.m.	**January 18 – January 22** **Work on the project** 🕐 1–2h / day Flexible hours Teamwork	**January 23** Project [1] review + Assessment session Group A: 9:00 – 11:30 a.m. Group B: 7:00 – 9:30 p.m.
January 24 Concept insights + Project [2] details Group A: 9:00 – 11:30 a.m. Group B: 7:00 – 9:30 p.m.	**January 25 – January 29** **Work on the project** 🕐 1–2h / day Flexible hours Teamwork	**January 30** Project [2] review + Assessment session Group A: 9:00 – 11:30 a.m. Group B: 7:00 – 9:30 p.m.
January 31 Concept insights + Project [3] details Group A: 9:00 – 11:30 a.m. Group B: 7:00 – 9:30 p.m.	**February 1 – February 5** **Work on the project** 🕐 1–2h / day Flexible hours Teamwork	**February 6** Project [3] review + Assessment session Group A: 9:00 – 11:30 a.m. Group B: 7:00 – 9:30 p.m.
February 7 Concept insights + Project [4] details Group A: 9:00 – 11:30 a.m. Group B: 7:00 – 9:30 p.m.	**February 8 – February 12** **Work on the project** 🕐 1–2h / day Flexible hours Teamwork	**February 13** Project [4] review + Assessment session + End of the program Group A: 9:00 – 11:30 a.m. Group B: 7:00 – 9:30 p.m.

Admission process

There are four admission stages:

Initial Screening

You've just passed it, congratulations!

Recruitment Task

You are at this stage 👌

Assessment Interview

Don't worry about this part! It's just a casual conversation to evaluate your English level, fluency of speech, and industry knowledge.

Final positive or negative decision on the admission to the program

The program has a fee of EUR 149 and shall be paid only after the final positive decision. You will be able to pay using a variety of payment methods via a dedicated link through the secure payment processor Stripe.
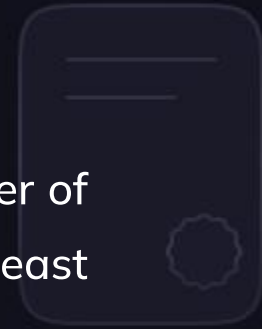
Program Fee

EUR 149

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Program Conditions

90% To receive the certificate and letter of reference, you must attend at least 90% of the entire program.

10% Absences without a valid excuse should count for no more than 10% of the entire program.

Qualification Task:

1. What is the difference between programming and scripting?

2. Why would you like to work as a Python Developer?

Frequently Asked Questions

What is the interview about?

The 20-minute interview is designed for level-assessment purposes. In addition, we will tell you more about our company, team, instructors, program structure, and program content. The interview is also designed to assess your interest and know more about your educational background and plans.

Once I am enrolled in this program, can I add the position, your company name, and the direct manager's name to my LinkedIn profile?

Yes, definitely. Once you are registered, you are welcome to add your position, our company's name, and direct manager to your LinkedIn profile or any other social media profiles.

What kind of projects will I work on during the program?

You will work on business cases based on current or past Brainnest projects. You will have the opportunity to discover the most important aspects of any professional project.

Can I know more about the instructors and managers of this program?

The managers and instructors who lead our programs are carefully selected from the top of their respective fields all around the world. These professionals all have first-hand experience in their industries, having spent years working alongside the most respected and sought-after companies in the world. Unfortunately, we can't provide their full names at this stage due to privacy reasons.

Is this a regular internship or just a training program?

This intensive one-month training program encompasses tasks and responsibilities that you might find in a regular internship and directions, lectures, and practicum projects that you might find in a regular training program.

Do I have to be in Germany or travel to Germany to attend the program?

You do not have to be in Germany or travel to Germany to attend the program. The program can be fully attended remotely through our online platforms and systems.

Why is there a fee that I should pay to attend the program?

This is a one-month intensive training program offered by Brainnest that leads the theoretical and practical part. Besides the experience, training, connections, and exposure, this program brings a list of benefits that you might find very interesting and beneficial. The program has a fee because Brainnest provides top-level instructors who explain the theoretical and practical concepts that you will be able to apply smoothly and professionally. Moreover, Brainnest does not use the trainees' work during the program for profit-making purposes.

Is this program fully remote?

Yes. The training program is led from Germany, but takes place and is attended by each member remotely through our online platforms and systems.

Frequently Asked Questions

What if I have to skip a session for a specific reason?

We understand that you might need exceptionally to skip some sessions for a valid reason. In this case, we will make sure to send you the recording of the session. You may also follow up with your instructor or direct manager for questions or to have a one-to-one recap meeting.

What kind of jobs might you offer me after completing the program?

It depends on the skill set you have. It can be an analyst, managerial, or another position. It also depends on the needs of the companies that fall under our management. The job might be a remote job or an office job.

What are the criteria for selecting those who might be offered a job?

We assess several factors to select the members whom we will offer a job. These factors are mainly performance, skill set, and our company needs and circumstances.

What are the chances that I will be selected to work for your company after completing the program?

We always try to select a couple of trainees and offer them a permanent position. It depends on several factors considered at the end of the program. These factors include the performance of the members, our needs at the company, and the prevailing circumstances.

What do you mean by flexible timing from Wednesday to Sunday?

Wednesday to Sunday of each week in the program, you will have to work with your focus group and/or individually on several projects that will require a couple of hours each day. It is up to you (and your focus group) to decide how and when you will spend these hours.

Are the projects that I will be working on during the program related to one company or different companies?

They might be related to one company, several companies, or even a client.

Is it possible to waive the fee or get a scholarship from Brainnest?

We are very sorry, but currently, we do not offer any subsidies.

Am I going to have direct contact with your clients while working on the projects?

No. We do not ask you to work directly with any of our clients during this training program.

If I was offered a job, what is the process after that?

It depends on the type of offer we give you. Each offer has specific processes and procedures that will be discussed thoroughly with you at that time.

Contact Information

If you have any questions, do not hesitate to contact us!

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Bremen Germany

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💻 www.brainnest.consulting

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