

Practical Task 1

I am taking the Skills Bootcamp in Software Engineering (fundamentals) using Python because I intend on switching careers from Microbiology to Software Development. For me, the ideal software development position would be something that can incorporate both pathways. Software development to be used within microbiology, the obvious choices that come to mind are using machine learning for identification of organisms and bioinformatics, which are more closely related to data science.

For my career to develop, I am primarily looking for entry level and junior positions that pay more than the apprenticeship positions to soften the blow to our income slightly. However, I am prepared and have applied for apprenticeship roles, but for this pathway to work, me and my family will need a lifestyle change: My wife will likely need to work more hours to keep our income up and we will have to be tighter with our budget until the apprenticeship finished which can be up to 2 years.

In my spare time I like to write code as a kind of form of creative expression, but I will benefit greatly from further learning, as with everything. I am excited to see how I develop and what I can achieve because I am not short on ideas, just the capabilities.

I am eager to learn more and code a lot everyday. One thing I am glad to learn about with the Hyperion Software engineering course, is how the parts of code can come together effectively, especially the define function and lists and dictionaries, combining these functions can make masses of messy code into clean and concise functions to be reused.

As I develop, one thing I would like to do is to create and/or collaborate on applications that are not related to my work that I can use as a side business. I have thought of many ideas, but I have begun to really think about one that I think is quite unique and will be very useful. Additionally, I have agreed to collaborate with someone on another project that is under way.

Build Your Brand 1: Thinking about a job search

Please note that if the instructions here are different from the PDF Tools Instructions, you need to follow those (here) instructions as they will be the most up-to-date.

If you're self-employed

Input the current details of companies and the business names of places you would pitch your services or products to. Also, please fill in the section right at the end of the form.

If you are ready to apply for jobs

You aren't usually in applying in this tool, but we would like you to think about the sort of roles you might like to apply for and the sort of companies you might want to work for. Find 2 junior role roles currently being advertised, ensuring you consider large and small companies as well as niche startups. For each of these, identify the recruiting/hiring managers (usually the Talent or HR people at each company). Capture the details of each of the 2 roles and companies in this form. If any of your roles are greater than 600 characters, shorten them by using bit.ly.com and paste the shortened version into the form.

If you're not ready to apply for jobs you are may want to currently employed and are looking for a new role right now but are hoping to achieve a promotion or new role working for your current employer.

We will require you to identify relevant names and get the position should you eventually look for a new role. However, we will NOT reach out to these employers on your behalf. Please also fill in the names of your current company who would be involved in a change in role.

Your Personal Details:

Your Name *

First Last

Your Email Address *

Select the option that applies to you *

- ☐ I am self-employed
- ☒ I am ready to apply for jobs
- ☐ I am not ready to apply for jobs yet

Role 1 - Recruiter or Contact Details:

Job Seeker: -URL of Identified Junior Tech Role, OR Self-employed - Website of Company you'd do business with *

Company Name *

Sector *

Recruiter or Talent Contact Name *

First Last

Recruiter or Contact Email Address (if possible)

Recruiter or Contact LinkedIn Profile *

Recruiter or Contact Phone Number (if possible)

Role 2 - Recruiter or Contact Details:

Job Seeker: -URL of Identified Junior Tech Role, OR Self-employed - Website of Company you'd do business with *

Company Name *

Sector *

Recruiter or Contact Name *

First Last

Recruiter or Contact Email Address (if possible)

Recruiter or Contact LinkedIn Profile *

Recruiter or Contact Phone Number (if possible)



Thank you for your submission of BYB 1.

- Please take a screenshot of this completed message.
- If you forgot to take screenshots of the form with your data in it, please type your data out to submit it.

Junior Python Developer

SR2 Alton, Hampshire Nov 05, 2021

Full time

Information Technology

Telecommunications

Java

Python

Graduate IT

JOB DESCRIPTION

Junior Engineer (Python)

Hampshire (1-2 days a week in office or more if you would like)

£35,000

SR2

About SR2

Company Profile

[Junior Python Developer | IT Job Board](#)

Junior Control Engineer



Ai Automation Systems Integrator · Manchester, England, United Kingdom · 2 weeks ago
· 155 applicants

£30,000/yr - £40,000/yr · On-site · Full-time

1-10 employees

See how you compare to 155 applicants. [Try Premium for £0](#)

Skills: PLC Programming, Machine Vision, +8 more

Response time is typically 4 days [Learn more](#)

Easy Apply

Save

Draft a message to the hiring team with AI



Grant Mullen · 3rd

Managing Director at Ai Automation

Job poster · LinkedIn member since 2015

Message

Job poster: Grant Mullen; [Grant Mullen | LinkedIn](#)

KX 3.1 ★

KX Developer

Farnborough, Hampshire, South East England, England



Apply now

Location: This is a hybrid position with SiXworks Limited, based in Farnborough, England, United Kingdom.

Recruiter: Paul Abbot; [Paul Abbott | LinkedIn](#)