

Role	Python Software Engineer
Salary	Competitive
Benefits	Start-up environment, opportunity to shape the development plan for the business moving forward with the CTO, share option rewards for long-term commitment, pension
Location	Latent Logic, King Charles House, Park End Street, Oxford, OX1 1JD
Reports to	Joao Messias (Chief Technical Officer)

About us

Latent logic is a dynamic deep tech start-up recently spun out from Oxford University. Our mission is to use state-of-the-art A.I. to learn complex human behaviours from real demonstrations, such as video data, so that we can make autonomous systems which are smarter, safer and can work alongside humans for societal benefit. Our first market is autonomous cars, where we are developing smart actor models for the simulation environments used to test and train autonomous cars before they get on the road.

The Role

We are looking for an experienced software engineer to reinforce our team, on a full-time and permanent basis. The successful candidate will report into the CTO and will be responsible for leading the design and development of end-user programming interfaces; as well as productionising existing back-end software; and streamlining our maintenance and quality control procedures. This will include interfacing with customers both internal (the research engineering teams) and external. You will be responsible for managing a small team of 1 or more junior software engineers.

The success metrics for the role are:

- Increased productivity of the team through more efficient coding practices, helping us get product to market quicker
- Improved quality of code on best practice lines and reduced time spent on bug-fixing and maintenance
- Reduced time to integrate with external customers and reduced bespoke coding
- High satisfaction from internal and external customers
- Strong performance from your direct reports

As part of a growing start-up team, you will have a key role to play in shaping our culture and ways-of-working. We ask all our employees to pitch in and help us make Latent Logic a great place to work, learn and develop. This could include helping us with running team events and welfare, recruitment, marketing activities, performance management and people development and much more, depending on your skills and areas of interest.

One of the key ingredients for this hire is the person's attitude and ability to be proactive and deliver. We are seeking a driven, pragmatic and tenacious individual, with an aptitude for problem solving who can clearly communicate in both verbal and written form. Candidates must be extensively experienced working in a dynamic software development environment whilst retaining a high level of integrity. You must have an interest in machine learning and AI and relish working in a fast moving start up.

If you are keen to work in the emerging field of AI and simulation, you will be well suited to the environment at Latent Logic. We offer a fantastic working environment where you will be required to work hard and be rewarded for this as we ensure our team feels appreciated and valued.

Person profile

We are seeking a Python Software Engineer who is open to change and would like to be part of an exciting future. You will have the extensive experience, be able to work in an agile environment and work towards deadlines. A proactive approach to work is key, being able to use initiative to develop or improve existing coding and procedures is greatly valued at Latent Logic. You will be in a leading role, so it is essential that you are driven and motivated to overcome potential boundaries.

You should also possess the ability to plan, have confidence to take responsibility for the work you do and have a flexibly working attitude when approaching deadlines.

Key Skills

- Experience in object-oriented software architecture design and development.
- Experience with Python is essential (we can also accommodate a blend of Python and C++ experience)
- Experience or awareness of the agile methodology
- Experience using both Linux and windows ideally for software development
- Understanding of automation platforms e.g. Jenkins & Docker
- Being able to take the lead, influence the business and shape the role
- Clear understanding of the product lifecycle including QA and release

Desirable skills

- Experience with cloud-based infrastructure such as AWS or GCP
- Experience with GIT
- Experience of other programming languages such as C++ / C#.

Application process

On our behalf Synchro Recruitment will be undertaking the recruitment process for this vacancy. All applications will be handled via the team at Synchro.