

About the job

About Us

We're building the future of sport. Bolt6 is a sports technology company at the forefront of visual innovation - from real-time tracking and data overlays, to immersive broadcast graphics and AR experiences. We work across tennis, golf, motorsport, volleyball, and more; partnering with rights holders and broadcasters to elevate how sport is seen, understood, and enjoyed.

What You'll Do

- **Own Computer Vision Products End-to-End:** You will own computer vision products throughout their entire lifecycle - from research and production-grade development to deployment, monitoring, and iterative improvement.
- **Maintain Reliability of Our Products:** Sports happen in real time, and you will ensure our products deliver continuously. You will diagnose and resolve issues related to cloud-based micro-service systems.
- **Optimise & Debug Real-Time CV Applications:** You will find and optimise bottlenecks inside C++ apps both on CPU and GPU.
- **Collaborate Across Teams:** Work with our Machine Learning team, Product Managers, and Operations to ensure the project delivers within deadlines.
- **Be a Part of Our Culture:** Be proactive, ask for help and clarifications when needed. Lend a hand to your teammates, mentors those you can teach, make Bolt6 a better place.

What You'll Bring

- **Proven Experience Building and Shipping C++ systems:** You have owned, shipped, and maintained a computer vision system in the past, ideally in a cloud-based micro-service environment.
- **Proficiency in Computer Vision:** 3D geometry for computer vision, SLAM, numerical optimisations, modern ML techniques. You must be comfortable integrating open-source code to tackle problems.
- **Strong Communication Skills:** You can explain technical concepts easily to our product managers, and are able to link those to product features and its delivery phases.
- **Project Ownership:** You don't need to be told what to do. You take responsibility in your work in all stages, from building client confidence with proof-of-concepts, to maintaining reliability when it's deployed.

Nice to Haves

- Experience in solving non-linear least square problems
- Experience in UI development e.g. ImGui
- Understanding of multithreading techniques
- Experience with GPU programming e.g. CUDA
- Experience with a messaging framework, e.g. NATS, RabbitMQ

- Experience working in and configuring cloud environments (e.g. AWS, Azure, GCP)
- Experience working with software containers (Docker, Podman) and container orchestration tools such as Kubernetes or Docker Swarm

What We Offer

- High-impact projects that will appear on live television and be seen by thousands
- If you are looking for a company where you will be challenged, valued and respected, with great compensation in a team that doesn't play politics then this is the role for you
- Ownership and autonomy of your work
- The opportunity to work in sport at an elite level
- Support through learning and development tailored to your role
- We have supported a number of promotions as well as internal changes to help our top talent grow and stay engaged in their careers
- Bonus scheme
- Health and wellbeing stipend
- Competitive salary

Location

There is a choice between working remotely ±3 hours timezone from UK, or we also have offices in London and Winchester.

Diversity & Inclusion

We have a commitment to diversity and inclusion across race, gender, age, religion, and identity. We celebrate differences. We encourage different opinions and approaches to be heard, and we use these to build the best products in the world.

We want you to perform your best at every stage of the recruitment process and are committed to ensuring it is accessible to all. If you need any support or require adjustments to be made, please get in touch with us at careers@bolt6.ai.