

# greyparrot



## **Full Stack Software Engineer**

Greyparrot is a VC-backed UK tech company providing deep learning-based computer vision software for recycling and waste management. Our camera system and AI software are deployed in recycling plants and waste facilities to measure material flows and provide waste analytics. We are also embedding our recognition capabilities with suppliers of next-gen smart bins and sorting robots to bring the rapidly growing \$530 billion waste industry into the 21st century.

Our vision is to create a world where waste is treated as a resource. It is monitored, captured and reused in the most effective way. Since starting in 2019 Greyparrot has been awarded “Hottest Climate Tech/ Green Tech Startup” by Europas2020 and were finalists at Techcrunch Disrupt 2019 Startup Battlefield.

As a Software Engineer, you will join a technically and commercially strong team in developing and licensing our world-leading artificial intelligence waste analytics platform. Having successfully raised funding and won POCs with some of the best brands in our market, we are ready to grow from servicing a few customers to 100+ customers.

## **Responsibilities:**

- Design and develop systems interfacing between edge AI servers and the cloud (AWS) using state of the art tools

- Design and develop customer-facing web-portals for visualizing AI, configuring hardware etc.
- Design and develop an automated software upgrade process for our embedded software platform.
- Collaborate with other team members.

### Requirements:

- B.Sc. in Computer Science or equivalent experience
- 3+ years' experience in developing real world applications with Python
- Experience with JavaScript/Node.JS and any JavaScript UI library like React
- Experience with Databases like PostgreSQL or SQL Server
- Experience with AWS (RDS, Lambda, Docker)
- Containers (docker)
- Web services (REST)
- CI/CD
- Knowledge of C++ is highly desirable

### Working with us:

- **Mission-driven** - We are dedicated to creating value for the waste recycling industry, optimising current systems to be more efficient to better our society.
- **Ambitious** - We strive to be the best at what we do.
- **Proactive and positive** - We are pragmatic and self-driven. We iterate quickly, typically in 2-month cycles.
- **Adaptable** - We embrace change and uncertainty and work together to adapt to new situations.
- **Flexible working** - We have flexible working arrangements and encourage efficient work - not more work.
- **Low ego culture** - We are open to feedback and treat everyone with respect. We assume the best intent from others.
- **Inclusive** - We are open-minded and don't just accept diversity - we celebrate it and support it.