



Alchera Technologies uses artificial intelligence to automate infrastructure and smart cities.

We exist to help our clients build responsive, human-scale intelligence into their cities, transport systems and public and private spaces. Founded by researchers from the University of Cambridge & UCL, Alchera Technologies has a strong and rich pedigree of world-leading machine learning and computer vision sensing technologies.

At Alchera we design, develop and deploy a real-time data platform for the automation of smart infrastructure. With a strong core of computer vision leveraging existing video infrastructure, we fuse a number of data sources to provide real-time and predictive insights into the current state of a range of infrastructure and mobility assets.

We are looking for bright and enthusiastic individuals who can demonstrate a keen passion for technology and a desire to improve their knowledge and skills to join the team. Working with us means working in an energetic and fun start-up environment with a team of exceptionally talented colleagues, in a position to shape the future of transport and the built environment.

To apply, please get in touch at careers@alchera.com with a 300-word cover letter and CV.

Dataset Fusion Internship

With the variety and ubiquity of IoT connected sensors, multiple information sources can contribute to classification and decision-making models. At Alchera we work on feeding and integrating different data sources into a single platform that can create a unified view of the world. As part of this internship you will get the opportunity to:

- Investigate ways of synchronizing data sources
- Build visualisations to help understand and debug the data flows and
- Explore ways of delivering high frequency data to multiple consumers
- Simulate multimodal synthetic datasets and real-world scenarios to augment and analyse the performance of algorithms

Whilst working with Alchera the position will allow you to gain valuable experience with complex data science problems, including exposure to machine learning techniques and advanced software design and engineering.

Skills and Qualifications

- Experience with programming, scripting or general data analysis would be helpful.



- This intern will have a love for hacking stuff together, just to make it work

At Alchera we are passionate about what we do and have a diverse team, the intern will have the opportunity to be part of a ground-breaking company and be able to contribute towards its success.

Key information:

Location: Cambridge, UK

Preferred start date: We are hiring interns on a rolling basis

Duration: 8-12 weeks, with an opportunity to extend to a full-time position

Salary range: Competitive