

## RESEARCH & DEVELOPMENT INTERN

Location: Cambridge, UK  
Contact: [careers@speechmatics.com](mailto:careers@speechmatics.com)

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“As an intern at Speechmatics I have worked on projects that use real machine learning to deliver real value to people across the world. There are few places where the machine learning being used is at the bleeding edge of the field, but Speechmatics is one of them. The company has an amazing culture that allows you to grow as a programmer and as a person. If you want to be a part of a fast-growing machine learning company where you, personally, will make a difference then Speechmatics could well be the place for you!”

- *Sam Ringer, Machine Learning Engineer (previously R&D Intern), Speechmatics*

### Background

Speech technology is one of the most popular discussion items at the moment, yet speech interaction is limited to “Alexa, turn on the light”, or “Siri, where is the nearest coffee shop?” We are taking speech technology to the next level using our expertise in machine learning and speech-to-text technology to enable our customers to use conversational speech recognition. Our solutions power subtitling on TV, content discovery for videos, compliance solutions in banks, improve efficiency of meetings, and many other use-cases. Our mission is to improve human communication with a global speech engine, that works and put speech back at the heart of communication.

At Speechmatics you’ll be working with some of the smartest minds in the industry, working on cutting-edge projects and deploying the latest machine learning techniques to disrupt the market, providing customers with the best speech technology available, all whilst immersed in a progressive and great company culture. You can enjoy benefits including healthcare, life assurance, Bike Doctor, massages, regular BBQs, no red tape, and much more. We’re building a company that truly strives to be world-leading and we’re looking for people who wholeheartedly believe they can be additive to our culture, bring new ideas to the table and get stuff done. If that’s you, carry on reading.

### The Opportunity

Speechmatics has three internship openings in speech and machine learning. The internships will be supervised by the Founder of Speechmatics, Dr Tony Robinson, and will explore high risk research directions which may benefit the company in the long-term. The area of work will depend on the candidate, example topics are novel methods for search in speech recognition decoding, novel representations to aid correction, the combination of word embeddings and conventional n-gram techniques, sequence-to-sequence models, thought vectors, GANs and other modern deep learning techniques applied to speech and related areas such as dialog. The aim is to build the candidates knowledge of state-of-the-art speech and machine learning in both the research and commercial environment. Successful candidates will have the opportunity to see how the latest ML research is commercialised, utilising modern software development methodologies in a forward-thinking R&D environment.

The internships will be based in our Cambridge satellite office which is only one mile from the centre of Cambridge. There are close ties with our main offices (2 miles away) which offers internal seminars and discussion groups in both speech and machine learning.

Typically, internships are three to six months in duration.

### Key Responsibilities

- Experimentation through rapid prototyping
- Development to proof-of-concept stage
- Contributing to research ideas
- Understanding the latest research in related fields and applying focussed tasks
- Producing written reports and contributing to papers where appropriate
- Assisting with the administration of the GPU cluster

### Requirements

#### Essential

- Completion of a taught course in speech and/or machine learning
- The ability to learn quickly
- Competent in Python
- Good knowledge of C++ for the speech search position
- The ability to operate independently
- A strong working knowledge of Linux

#### Desirable

- Experience with big data
- Experience in speech and/or machine learning
- Linux system administration

### Salary

We offer paid internships with a competitive salary plus some awesome [benefits & perks](#).

### Interested?

Get in touch! Send your CV and covering letter to [careers@speechmatics.com](mailto:careers@speechmatics.com).