

Postdoctoral Researcher at the Centre for Argument Technology

School of Science & Engineering

Full-time, Permanent with funding review after 36 months

Grade 7 to 8 (£35,308-£47,047)

We are looking for a highly motivated postdoctoral researcher with a PhD and experience in computing, linguistics, philosophy, AI, argumentation, cognitive science or related fields to join a team that develops and applies artificial intelligence to theories of arguments and debates.

ARG-tech is a world-leading research group in the application of theories of argument. We have attracted funding of over £10m and have over 200 peer-reviewed papers. We have led in the development of robust, standardised file formats, as well as designing an open-source, argument analysis tool (OVA) with thousands of users.

Our goal is to improve, teach and navigate discussions and debates that run our governmental and legal institutions; businesses and corporations; the media and broadcasting; academic research and intelligence analysis. We are passionate about public communication, and improving debate and analysis. We collaborate and consult with commercial and government organisations including IBM, Dstl, UN, WHO and the BBC.

We are recruiting for an exceptional individual to join as a Postdoctoral Researcher. The post is permanent, subject to a funding review after 36 months.

The successful candidate will be expected to contribute to a variety of grant-funded research projects working in multi-disciplinary teams. They will be involved in design, analysis, publishing and presenting work at conferences and in journals. The position offers the candidate an unparalleled opportunity to grow their expertise in fields such as argumentation theory, machine learning, large language models and AI. As a member of ARG-tech, a world-leading university-based research group, you will get the chance to drive innovation and best practices in this exciting, fast-growing field.

Your priorities will include:

- Contribute to research in areas including theories of argumentation, machine learning, AI, data analysis and visualisation.
- Contribute to the management and growth of projects and our open-data infrastructure.
- Work collaboratively with project partners, industrial and end-users.
- Deliver project milestones to an agreed deadline.
- Present work in oral, written and online formats, contributing to the authoring of research outputs.

Who we're looking for:

- PhD in an appropriate subject.
- Broad knowledge of areas related to argumentation, including but not limited to, philosophy, linguistics, literature, rhetoric, communication, AI, mathematics, computer science, engineering, economics, international relations, law, politics, forensics, and healthcare.
- Excellent interpersonal skills and evidence of teamwork.
- Meticulous attention to detail, proactive, with good analytical and communication skills.

We are one of the UK's leading universities - internationally recognised for our expertise across disciplines, including science, medicine and engineering. Conveniently located on the banks of River Tay, our city-centre campus is at the heart of Dundee - an up-and-coming, friendly, compact and affordable city with a rich heritage in design and technology.

For further information please contact Prof. Chris Reed at chris@arg.tech and visit www.arg.tech. The closing date for applications is 14th August 2023, interviews will take place soon after.

The diversity of our staff and students helps make the University of Dundee a UK university of choice for undergraduate and postgraduate. Family friendly policies, staff networks for BME, Disabled and LGBT staff, membership of Athena SWAN, the ECU Race Equality Charter, Stonewall as well a full range of disability services, create an enjoyable and inclusive place to work.