



JOB DESCRIPTION

Appointment of a Research Fellow (Software Engineer)

The Job

At Research Fellow level (AC2), staff are expected to be involved in the developing, planning and managing of research projects in consultation with a Principal Investigator, developing a publication record and learning to generate funding and supervise less experienced researchers. The role will normally require a level of research knowledge, skill and experience equivalent to PhD. Research Fellows may also be expected to contribute to the teaching and/or consultancy activities in order to ensure continuous development of knowledge in the subject area.

The role will involve the following range of activities:

- support, and carry out research on security and privacy requirements within the scope of the DEFEND Project;
- develop software that is relevant to the DEFEND project;
- develop research objectives and proposals for their own or joint research, initially with the assistance of a mentor if required;
- conduct individual and collaborative research projects;
- continually update knowledge and understanding in the field; and translate knowledge of advances in the subject area into research activity;
- contribute to writing up research work for publication or dissemination of research findings including presenting at conferences and/or other appropriate events;
- contribute to the supervision and mentoring of research students and make some contribution to the teaching, tutoring and learning programmes in the school;
- prepare proposals and applications to external bodies, e.g. for funding and accreditation purposes;
- liaise with colleagues and students;
- build internal contacts and participate in internal networks to exchange information and form relationships for future collaboration;
- join external networks to share information and identify potential sources of funds;
- agree and largely self-manage research and administrative activities, ensuring own research is undertaken according to governance, ethical and quality assurance guidelines;
- collaborate with academic colleagues on areas of shared research interest;
- work with colleagues on joint proposals as required; and attend and contribute to relevant meetings;
- use new research techniques and methods, develop new ones and extend the research portfolio;
- identify areas of research and generate ideas associated with research;
- analyse and interpret research data and draw conclusions on the outcomes; and

- contribute to collaborative decision-making in areas of research;
- plan and manage own research activity and use of resources in collaboration with others and help to plan and implement third stream commercial and consultancy activities.
- There may be the requirement to work flexible hours on occasions for travel and to meet the needs of other partners who work in different time zones.

Knowledge and Qualifications

It is expected that the criteria below regarding knowledge and qualifications will be met by the successful candidate.

- A PhD (or near completion) in Privacy Engineering, Security Engineering, Computer Science, Software Engineering or equivalent. Alternatively, a good First Degree (2:1, 1st) in Computer Science or relevant areas, an MSc in Security, Privacy, Computer Science, Software Engineering or relevant, and research experience.
- Programming knowledge and experience, especially in Java.
- Development of graphical modelling editors. Desirable: Eclipse / Sirius / Obeo Designer / EMF / GMF.
- Understanding and knowledge of version Control Systems. Desirable: Git / Bitbucket / GitHub / GitLab.
- Understanding and knowledge of Integration and Issue tracking tools. Desirable: Jenkins / Jira.
- Sufficient, up to date breadth or depth of specialist knowledge in Privacy Engineering, Security Engineering, Software Engineering for Privacy or relevant.
- Strong oral and written communication skills.
- Capable of working efficiently without close supervision.

ADDITIONAL INFORMATION

- The successful candidate will be part of the Centre for Secure, Intelligent and Usable Systems (CSIUS) <https://www.brighton.ac.uk/csius/index.aspx> at the University of Brighton working under the supervision of Prof. Haris Mouratidis, the Director of CSIUS at the DEFEND (Data Governance for Supporting GDPR) EU Horizon2020 funded project. DEFEND will deliver a platform which empowers organisations in different sectors to assess the compliance status, plan the achievement of the GDPR compliance and increase their maturity in different aspects of GDPR. The DEFEND platform will enable building and analysing models following a Privacy-by-Design approach spanning over two levels, the Planning Level and the Operational Level, and across three management areas: Data Scope, Data Process and Data Breach.
- The appointment is for a fixed term until 31 December 2020 because funding is of short-term duration and longer-term funding is uncertain.
- The appointment is generally made at the bottom of the range dependent upon experience and previous salary.
- The annual leave entitlement is 35 working days, pro rata for proportional (part-time staff). This is in addition to the statutory holidays applicable in England, local discretionary holidays and days when the university is closed in the interests of efficiency.
- This post is full-time. The nature of research posts is such that staff are expected to

work such hours as are reasonably necessary in order to fulfil their duties and responsibilities. It would therefore be inappropriate to define the total hours to be worked in any week. A reasonable norm for full-time staff, however, having regard to the contractual position of other senior staff in the institution, would be thirty-seven, although this should not be regarded as a minimum or maximum. Contribution to teaching and learning programmes in the school should not exceed six hours in any week.

More information about the university and the school can be found by following the links below:

- [Academic departments](#)
- [Research and Enterprise at the University](#)
- [Professional services departments](#)
- University's [2016 - 2021 Strategy](#)

The University has an attractive range of benefits and you can find more information in the [Working here](#) section of our website which includes information on [Equality, diversity and inclusion](#) and [Benefits and facilities](#).

Job sharing

The University of Brighton welcomes job sharers. Job sharing is a way of working where two people share one full-time job, dividing the work, responsibilities, pay, holidays and other benefits between them proportionate to the hours each works, thereby increasing access to a wide range of jobs on a part-time basis. The advert for the post for which you are applying will indicate whether applications from job sharers can be considered (this may not be possible for a post that is already part time for example) and further information can be found on the 'Balancing Working Life' section here [Benefits and facilities](#).

Professional development

The Research Office organises a wide range of workshops covering all aspects of researcher development including research degree supervision, research methodology, writing successful bids for funding, intellectual property and negotiations and contracts. The Research Office also offers a co-ordinated central service to advise and assist university research staff applying for grants from UK Research Councils, the European Commission, the NHS and similar external bodies including advice and guidance on application procedures, regulations, staffing, costing and protection of intellectual property. The Research Office's website offers a wide range of helpful information on all aspects of research. See <https://www.brighton.ac.uk/research-and-enterprise/enterprise/index.aspx>

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