

PhD studentship in Network Security

Qualification type: PhD

Location: School of Computer Science, University of Hertfordshire

Funding for: UK/EU and international Students

Funding amount: Approximately £14,750 per annum bursary plus the payment of the student fees

Hours: Full Time

Supervisor: Dr Athanasios Tsokanos

Co-supervisor: Professor Andrew Jones

Project description

Applications are invited for a PhD studentship in Network Security. Network Security is a subset of Cyber Security; its role is to protect an IT infrastructure from cyber threats. This can be implemented by using various devices and techniques such as firewalls, antivirus software as well as intrusion detection and prevention systems (IDS/IPS).

The successful applicant will conduct research as part of a research collaboration between Juniper Networks and the School of Computer Science in the University of Hertfordshire. Our university is a member of the Juniper Networks academic alliance.

The successful candidate will be situated in the Cyber Security Centre of the School of Computer Science and will have the opportunity to work with state of the art Juniper Networks devices such as firewalls, routers, switches and servers.

Research in Computer Science at the University of Hertfordshire has been recognized as excellent in the REF 2014, with 50% of the research submitted rated as internationally excellent or world leading.

The University of Hertfordshire provides a very stimulating environment, offering a large number of specialised and interdisciplinary seminars as well as general training and researcher development opportunities. The University is situated in Hatfield, in the green belt just north of London.

Candidate Requirements:

The successful applicant will be expected to be familiar with networking and security fundamentals although full training and opportunities for certifications will be provided via our collaboration with Juniper Networks. Knowledge of a networking operating system like JUNOS, IOS or similar and/or traffic generation and testing is desirable but not essential. Applications from candidates with experience in firewall/router configuration and troubleshooting are particularly welcomed.

Entry Requirements

Applicants are expected to hold a first or upper-second class degree in a relevant discipline (or equivalent overseas qualification), or a good Masters degree (or equivalent experience/qualifications). Non UK/EU nationals without an academic degree from the UK will normally be required to have IELTS of 6.5 or above (or equivalent) with at least 6.0 in each individual component. The position is open to home and overseas students.

How to Apply

[Download the application form.](#)

Please note: You must download the application form to your computer before you

complete it. If you complete the form in the browser window, the information you have entered may be lost when the form is saved.

The application form should be returned to:

Mrs Emma Thorogood
Research Student Administrator
University of Hertfordshire
College Lane
Hatfield, Herts
AL10 9AB

tel: +44 (0)1707 286083

doctoralcollegeadmissions@herts.ac.uk

Applications should also include two references and transcripts of previous academic degrees as well as a cover letter and a CV.

We also accept applications for self-funded places in various computer science related topics throughout the year.

The closing date for applications is **1 July 2018**. It is our intention that successful applicants would commence their programme in October 2018.

For informal enquiries please contact Dr Athanasios Tsokanos (a.tsokanos@herts.ac.uk).