3 PhD Studentships in Globalised Logistics and Supply chain data interchange

£14,777 p.a. (plus up to £1000 p.a. research expenses) and tuition fees for 3 years. Please note, the award covers tuition fees at the UK/EU rate only; those not eligible to pay UK/EU tuition fees must demonstrate that they can fund the difference.

About the Award
Applications are invited for three-year Postgraduate studentships to be undertaken within the Institute for Logistics infrastructure, Supply and Transport (LIST) at the University of Northampton. This post is fully funded, and the studentships are offered in support of various European and UK Government funded projects undertaken by the institute.

Project Description
The diverse and unprecedented economic, demographic, financial and sustainability challenges facing towns, cities and regions mean the need to review, upgrade and update infrastructure through innovation is an inescapable one. Globally, business, local authorities, governments and NGOs realises there is a need to respond by investing in various 'industry' initiatives. The main theme across logistics and supply chain sectors is an embracement of disruptive digital technologies like big data analytics, artificial intelligence, cyber risk mitigation, internet of things and block chain to improve efficiencies. LIST at the University of Northampton wishes to utilise existing European Commission funded IP (AOEILIX project), and further develop innovative solutions to combat aforementioned business, economic and social challenges associated with globalised business. Therefore, we are offering a number of post graduate PhD positions in the areas of:
- Disruptive logistics technologies (focus on social value)
- AI/machine learning of forecasted transport capacity (focus on air freight and belt road initiative)
- Cyber supply chain risk mitigation (focus on connected data interchange)

All three identified areas will feed into current and future project activities, with development of solutions allied to empirical outcomes related to air, overland, sea and autonomous logistics corridors managed through connected data interchanges.

Person Specification
The successful applicant should have a first class or upper second-class honours degree and a Masters with distinction. Experience in the use of, or having studied courses with focus on, machine learning, big data analytics or social value forecasting will represent an added advantage. Preferred skill requirements include:
- Knowledge of the machine learning methods (supervised and unsupervised, deep neural networks and other algorithms such as support vector machine and BART machine).
- Experience in plug in and software development.
- Social science background & interest in the management field
- Knowledge/experience in data visualization is a major added advantage

Apply online using the keyword 'STU19006'
- Deadline for applications: 30th August 2019
- Interviews: 16th September 2019
- Start date: 21st October 2019
- Mandatory induction: 21st – 23rd October 2019

Informal enquiries: Email Mr Liam Fassam