

Scholarship name	Tentop.com, EFI and EIT PHD in Financial Technology Scholarship
Linked Programme(s)	PhD in Financial Technology
Information on the University/Department (for external websites)	<p>Based in the central campus at the University of Edinburgh, the Business School seeks to set the agenda across a wide range of business disciplines, with our research areas staffed by teams whose work has real influence in business, government, and the public sector.</p> <p>The University of Edinburgh was ranked as 4th in the UK for research power (Times Higher Education, 2019), and the Business School has significant research expertise across six subject areas. We aim to provide a highly dynamic and supportive research environment for our large and diverse graduate community, ensuring that Business School PhD students have the resources required to make the most of their individual projects. This is evidenced by our positive student feedback in national surveys such as the PRES 2019.</p> <p>In addition, the Business School has received full research training accreditation both from the Economic and Social Research Council (ESRC) and European Quality Improvement System (EQUIS), and holds the Athena SWAN Bronze Award in recognition of the positive work the School has done to promote diversity and gender equality.</p>
Project/Scholarship Details	<p>In existing digital marketplaces, customers and suppliers are not appropriately rewarded for their participation with the surplus being captured by the marketplace's shareholders. Therefore, there is an opportunity to use advanced mathematics, economics and machine learning to engineer network effects in a way that shares the rewards created by digital platforms across all of the participants through 'tokenisation'. This would be fairer and more efficient.</p> <p>This project aims to develop a two-sided token market in a dynamic scenario, which could internalise the externalities between suppliers and consumers. To achieve this, the student will work closely with our industrial partner, Tentop.com to calibrate the parameters and develop appropriate data structures for the dynamic algorithm of the marketplace.</p> <p>The successful candidate will be expected to undertake the project under the supervision of Dr Tong Wang and Dr Joosung Lee along with industry experts at Tentop.com.</p>
Eligibility	<p>Applicants must meet the following entry PhD in Financial Technology requirements for this project:</p> <ol style="list-style-type: none"> The academic entry requirement. <ul style="list-style-type: none"> This normally requires a minimum qualification (or expected qualification if you are current Masters' student) of above-average academic achievement, quantified as a 70% or above overall at the Masters level, with a distinction level dissertation (or UK equivalent) in the subject of: finance, economics, informatics, physics, mathematics, engineering or

	<p>another relevant programmes with significant quantitative elements.</p> <ul style="list-style-type: none"> • Students with significant finance and tech industry experience or with relevant professional qualifications and that also have a minimum of a Bachelor's degree in the programmes stated above will be given due consideration on a case-by-case basis. <p>2. The English requirement. Full details of the English requirements can be found here. The most commonly approved certificate is an IELTS, for which the minimum accepted score is 7.0 overall with at least 6.0 in each section.</p>
Additional documents / requirements	<p>Essential Criteria:</p> <ul style="list-style-type: none"> - Honours degree or its equivalence in one of the following: <ul style="list-style-type: none"> - Economics - Finance - Financial Engineering - Fintech - Finance and economic modelling skills - Programming skills - Knowledge of machine learning <p>Desirable Criteria:</p> <ul style="list-style-type: none"> - Knowledge of network analysis - advanced computer science/machine learning algorithm knowledge
Application deadline	<p>Project applicants must apply online using our application form. When submitting, you should include a cover letter detailing why you are a good candidate for the particular project you would like to be considered for, and any other required documents.</p> <p>If your application is successful, you will then be asked to submit additional details in order to be registered as a student.</p> <p>The deadline to apply is 23:59 (GMT) on Sunday the 8th November 2020.</p> <p>To apply, visit: https://www.business-school.ed.ac.uk/scholarships/tentop</p>
Value	UK/EU tuition fees plus £20,000 stipend awarded annually for up to 4 years
Selection Process	<p>Eligible applicants will be ranked by a selection panel and applicants will be notified if they have been shortlisted for interview by the 23rd November.</p> <p>Interviews will be scheduled during the week commencing 30th November.</p>
Award announcement date	<p>Candidates will be notified of the outcome of their application on the week commencing 14th December.</p> <p>We anticipate the awarded candidate will join the programme in January 2021.</p>
Enquiries	<p>Supervisor, Dr Tong Wang tong.wang@ed.ac.uk</p>

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