

Information on Postgraduate Research Scholarship - Ref: VCS-FES-09-22					
			Computing & Mathematical		
Faculty:	Engineering and Science	School:	Sciences		
Lead Supervisor:	Dr Stef Garasto				
Project Title:	Artificial Intelligence for Automated Collision Avoidance in Low Earth				
Project Description:					
Duration:	3 years, Full-Time Study or				

6 years, Part-Time Study		
Bursary available (subject to satisfactory performance):		
Year 1: £17,668 plus London weighting where applicable (FT) or pro-rata (PT) Year 2: In lin	e with	
UKRI rate Year 3: In line with UKRI rate		
In addition, the successful candidate will receive a contribution to tuition fees equivalent t	to the	
university's Home rate, currently £4,596 (FT) or pro-rata (PT), for the duration of their sch	olarship	
International applicants will need to pay the remainder tuition fee for the duration of thei	r	
scholarship.		
This fee is subject to an annual increase.		
Person Specification of Essential (E) or Desirable (D) requirements:		
Criteria:	E or D	
Education and Training:		
• 1 st Class or 2 nd class, First Division (Upper Second Class) honours degree or a		
taught master's degree with a minimum average of 60% in all areas of		
assessment (UK or UK equivalent) in a relevant area to the proposed research	E	
project		
 For those whose first language is not English and/or if from a country where 		
English is not the majority spoken language (as recognised by the UKBA), a		
language proficiency score of at least IELTS 6.5 (in all elements of the test) or an		
equivalent UK VISA and Immigration secure English Language Test is required, if		
your programme falls within the faculty of Engineering and Science a language		
proficiency score of at least IELTS 6.5 overall with a minimum of 6.0 in all		
elements of the test or an equivalent UK VISA and Immigration secure English		
Language Test is required. Unless the degree above was taught in English <u>and</u>		
obtained in a majority English speaking country, e.g. UK, USA, Australia, New		
Zealand, etc, as recognised by the UKBA.		
Experience & Skills:		
Previous experience of undertaking research (e.g. undergraduate or taught		
master's dissertation)	E	
 Strong background in machine learning, data science, artificial intelligence or 		
related fields, relative to the candidate's career level	E	
Experience with python (or equivalent) and coding practices for scientific		
research. Knowledge of Git is a plus	E	
 An understanding of issues related to low earth orbit collision avoidance and/or 		
the aerospace industry more broadly	D	
Excellent collaborative skills and interest in partnership building with		
stakeholders of the research	D	
• Experience with writing and publishing research papers, relative to the	_	
candidate's career level	D	
Personal Attributes:	1	
Understands the fundamental differences between a taught degree and a	_	
research degree in terms of approach and personal discipline/motivation	E	
Able to, under guidance, complete independent work successfully	E	
Other Requirements:	1	

September 2021

For further information contact:	Stef Garasto – s.garasto@gre.ac.uk			
Closing date for applications:	midnight UTC on 18 January 2023			
The scholarship must commence before <i>April 2023</i>		E		
for the successful candidate if	for the successful candidate if from outside of the EU/EEA			
This scholarship may require Academic Technology Approval Scheme approval				

Making an application:

Please read this information before making an application. Information on the application process is available at: <u>https://www.gre.ac.uk/research/study/apply/application-process</u>. Applications need to be made online via this link. **No other form of application will be considered**.

All applications **must include** the following information. **Applications not containing these documents will not be considered.**

- Scholarship Reference Number (VCS-FES-09-22)— included in the personal statement section together with your personal statement as to why you are applying. In the personal statement, please also briefly comment on why your experience, motivation and/or interests make you a good candidate for this scholarship.
- a CV including 2 referees *
- academic qualification certificates/transcripts and IELTs/English Language certificate if you are an international applicant or if English is not your first language or you are from a country where English is not the majority spoken language as defined by the UK Border Agency *

*upload to the qualification section of the application form. Attachments must be a PDF format.

Before submitting your application, you are encouraged to liaise with the Lead Supervisor on the details above.