

PERSON SPECIFICATION
Senior Research Associate in Financial Text Analysis
Vacancy Ref: A2970

Criteria	Essential/ Desirable	*Application Form/ Supporting Statements/ Interview
PhD in natural language processing (NLP), computational linguistics, computer science, or accounting, finance or a related discipline, either already awarded or capable of completion before commencement of contract	Desirable Grade 6/ Essential Grade 7	Application form
Experience working on NLP and machine learning applied to financial narratives	Desirable Grade 6/ Essential Grade 7	Supporting Statements / Interview
Advanced programming skills (preferably with some experience of Python)	Desirable Grade 6/ Essential Grade 7	Supporting Statements/Interview
Prior experience or knowledge of research in financial disclosure and text analysis	Desirable Grade 6/ Essential Grade 7	Supporting Statements/ Interview
Research skills to undertake advanced, rigorous econometric analysis of large financial datasets using either SAS or STATA	Desirable	Application form / Interview
Experience of retrieving data from standard financial databases including Thomson Reuters Datastream, and organizing data resources in Excel or Access	Desirable	Supporting Statements / Interview
Evidence of career appropriate level of research outputs (including publications, working papers or conference proceedings)	Essential	Application form
Experience of harvesting and processing text from a range of sources including websites and PDF files	Desirable Grade 6/ Essential Grade 7	Supporting Statements / Interview
Good communication skills including writing (English), oral presentations, and one-to-one interactions	Essential	Interview
Ability to research independently and proactively	Desirable Grade 6/ Essential Grade 7	Application form / Interview
Willingness to work with industry partners	Essential	Interview

- **Pre-interview test:** assessed according to completion of specified task involving manipulation and analysis of data, submitted prior to interview
- **Application Form:** assessed against the application form, curriculum vitae and letters of support. Applicants not required to provide a specific supporting statement. Normally used to evaluate factual

evidence (e.g., award of a PhD). Will be “scored” as part of the shortlisting process.

- **Interview:** assessed during the interview process by either competency based interview questions, presentation, and review of pre-interview test.