Julia Elliot
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Personal statement

A Computer Science PhD graduate of the University of Strathclyde, with experience in research, communication, and programming. An excellent problem-solver and methodical worker, who takes a thorough and careful approach to all tasks, I am able to effectively communicate solutions, ideas, and information in accessible and engaging ways. I am logical and creative in my work, even when faced with repetitive or stressful tasks, and work well with little supervision. I am also a competent and enthusiastic programmer and have experience in several languages.

Key skills

Logical and methodical problem-solver

- Able to effectively take in data to come up solutions
- Able to approach problems calmly and logically
- Able to think creatively to produce novel solutions
- Able to apply problem-solving techniques across different contexts

Excellent written communication

- Proficient in a broad range of communication styles, ranging from academic, to formal, to daily interpersonal communication
- Exceptional ability to communicate ideas and data
- Ability to understand complex information and convert it into accessible writing

Computer skills

- Highly IT literate – exceptional ability in entire Office Suite
- Proficient in programming
- Most skilled in Java, additionally with 10+ years experience of C, Python, Unix shell, HTML, SQL and Haskell

Attentive worker

- Good independent worker who needs little supervision
- Focussed, thorough, careful, and with great attention to detail
- Able to complete repetitive tasks without error
- Held responsible positions as a teaching assistant and researcher

Education

University of Strathclyde

(September 2009 – June 2019)

Postgraduate degree – PhD Computer Science

- Completed PhD-level thesis that was accepted at viva.
- Authored and co-authored papers on research topic.
- Contributing to scientific discussion and paper development of my own and others' research.
- Experience of working with academics across different institutions
- Working in the Computer Science Department and with the Strathclyde Combinatorics Group on independent projects in discrete mathematics on combinatorics.
- Intensive programming to automate mathematical analysis.
- Working on advanced mathematics problems.

Undergraduate degree – BSc Computer Science

- Successfully completed 4-year degree.
- Dissertation in final year in discrete mathematics on combinatorics which led to acceptance to PhD program.

Employment History

Market Research Interviewer, Ipsos

(January 2023 – May 2023)

Role and responsibilities:

- Conducting high quality market research surveys over the telephone
- Confidently and politely engaging with clients, which include both a large variety of business clients and ordinary members of the public
- Ensuring accurate responses and data collection, and processing, without influence
- Engaging with the general public in a confident and empathetic matter, handling their personal and potentially sensitive data with confidence and compassion, and in compliance with confidentiality privacy policies and GDPR

Stocktaker, Orridge

(August 2022 – February 2023)

Role and responsibilities:

- Counting and overseeing intake of store stock
- Clients include a large variety of retail companies and settings around the country, including large chain stores, remote towns and airports

Teaching assistant, Computer Science Department, University of Strathclyde

(September 2015 – April 2019)

Achievements and responsibilities:

- Invigilating tests and exams for groups of 50-100 students
- Ensuring compliance with rules of examination
- Ensuring correct submission of examinations
- Ensuring tests were conveyed safely for marking

Research Internship, Computer Science Department, University of Strathclyde

(June 2014 – September 2014)

Achievements and responsibilities:

- Working with a professor in the Computer Science Department on projects in discrete mathematics on combinatorics.
- Intensive programming to automate mathematical analysis needed for the project.
- Working on mathematics problems towards the research goal.
- Co-authoring a research paper published in the Journal of Combinatorial Mathematics and Combinatorial Computing on the topic of Combinatorics.
- Contributing to scientific discussion and paper development.

References

References are available upon request.