

ELEANOR RACHEL SINDEN

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Folkestone, Kent

PROFESSIONAL SUMMARY

MSc Computer Science graduate seeking an entry-level software engineering position. Skilled in Python with experience in Java, SQL, and UML. I am interested in quantum computing and software engineering; my dissertation compared two quantum UML adaptations by modelling Qiskit code through sequence and class diagrams. I was awarded a paid internship during my studies, where I developed Power BI dashboards to support DRTV fundraising campaigns for charities. I am detail-oriented, adaptable, and capable of learning new technologies quickly, with a proven ability for collaboration, problem-solving and delivering effective software solutions.

TECHNICAL STRENGTHS

Languages	Python, Java, SQL, UML, DAX
Software and Tools	GitHub, Power BI, IntelliJ, PyCharm, SSMS, Microsoft Copilot Studio
Technologies and Frameworks	TensorFlow, PyTorch, Qiskit, Scikit-learn, NumPy, Stable Diffusion, Gymnasium

EMPLOYMENT

Giftease Solutions <i>AI Engineer Intern</i>	June 2024 - September 2024 <i>Remote</i>
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- Designed and implemented DRTV fundraising dashboards using SQL and Power BI, automating campaign performance insights. Presented dashboards in a client meeting with plans for further development into a final product.
- Integrated external datasets via web scraping and created custom map visuals using JSON files.
- Built a Microsoft Copilot tailored for Gift Aid advisory services that automates customised communications based on industry guidelines.
- Independently learned Microsoft Copilot Studio and created dashboards, demonstrating self-motivation and the ability to deliver solutions with minimal supervision.
- Applied data normalisation techniques to calculate weighted donations, improving targeted marketing strategies.

Spain Brothers & Co <i>Tax Technician</i>	September 2022 - August 2023 <i>Canterbury, Kent</i>
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- Computed and submitted individual tax returns for clients with diverse income sources, ensuring accuracy and compliance with regulations.
- Led client meetings and conducted research to resolve complex taxation issues, applying problem-solving and analytical skills.
- Collaborated with accounts and corporation tax departments to develop effective tax planning strategies.
- Monitored legislative changes and adapted workflows to align with updated regulations.

RIFT Refunds <i>Personal Tax Specialist</i>	November 2020 - September 2022 <i>Ashford, Kent</i>
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- Managed a caseload of over 140 clients, efficiently preparing and submitting individual tax returns.
- Specialised in job expense refunds under ITEPA 2003 Sections 336 and 339, ensuring accurate claims for clients.
- Balanced multiple priorities, including tax return preparation, client communication, and compliance documentation, demonstrating strong organisational skills.
- Regularly resolved complex client cases, showcasing systematic problem-solving and attention to detail.

Migrant Help*Senior Telephone and Compliance Advisor*

October 2015 - August 2020

Dover, Kent

- Guided asylum seekers and third parties through NASS support applications, ensuring compliance with government regulations.
- Investigated and resolved complex cases, demonstrating strong attention to detail and problem-solving skills.
- Conducted precise compliance checks and managed high-volume interactions with professionalism and effective communication.

Children with Cancer UK*Supporter Care Administrator*

September 2014 - October 2015

Holborn, London

- Served as the first point of contact for inquiries, ensuring efficient and professional communication across multiple channels.
- Supported fundraising departments and provided administrative assistance as PA to the CEO.
- Coordinated external events, including the London Marathon, demonstrating organisational and teamwork skills.

EDUCATION

University of Kent*Computer Science (Artificial Intelligence) MSc*

2023 - 2024

Canterbury, Kent

- Achieved distinctions in all completed modules; final marks pending dissertation assessment.
- The course provided a comprehensive foundation in machine learning, data mining, and software development, with practical coding experience gained through hands-on projects.
- Dissertation: "Modelling Quantum-Classical Interactions: A Comparative Study of Q-UML and Quantum UML Profile Diagrams for the Variational Quantum Eigensolver in Qiskit."

London South Bank University*Creative Writing BA Hons*

2011 - 2014

South Bank, London

- Developed a portfolio of written work, including screenplays, essays, and structured narratives.

Canterbury College*A-Level & AS Level*

2007 - 2011

Canterbury, Kent

- Three A-levels and one AS level in Film Studies, Media Studies, English Literature & Language, and Anthropology.

Folkestone School for Girls*GCSE*

2003 - 2007

Folkestone, Kent

- Nine GCSEs in Additional Science, Maths, English & English Literature, Geography, History, Religious Studies, Citizenship, and Drama.

EXTRACURRICULAR

I enjoy creative writing and participating in challenges like National Novel Writing Month. One of my projects includes a "choose your own adventure" book inspired by Dungeons and Dragons. I stay active by regularly going to the gym and exploring new activities. I love charity shopping and I am passionate about collecting soft toys and memorabilia.