

# Rachel Wong

CURRENT JOB: DATA ANALYST, MOSAIC SMART DATA, LONDON

Flat 53, The Quadrangle House  
84 Romford Road  
London E15 4EJ  
rachelwong4444@gmail.com |  
Github : <https://rachelwong44.github.io/>  
+44 7711948107

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| EDUCATION                | <b>University of Oxford</b> , Oxford, United Kingdom<br><i>Masters of Chemistry</i> , MCHEM (4 years) <i>October 2017 - June 2021</i><br>A levels: A* (Maths), A (Further Maths), A (Physics), A (Chemistry)<br>GCSEs: 10A*s (highest in school)   |
| SKILLS & INTERESTS       | Experience with Bash, Python, SQL, Pandas, C programming, JavaScript, HTML/CSS, Gitlab and Git<br>Oil painting, poker and philosophy<br>Participated in AI and Data training with AICore bootcamp<br>Code First Girls Coding Kickstarter JavaScript Course Jun-Aug 2023  |
| SUMMARY                  | An energetic professional with a master's degree in Chemistry with experience and knowledge in data cleansing, visualization, and analytics. Proficient in SQL, Python and C coupled with strong communication skills I am looking to switch into software development as I like problem solving and building things.  |
| PUBLICATIONS             | <b>Rachel Wong, Christopher B., Minjun Y., Richard G. Compton</b> "The steady-state diffusional flux to isolated square cuboids in solution and supported on an inert substrate" in <i>Journal of Electroanalytical Chemistry</i> , 15 December 2021<br><br>Numerical simulation is used to characterise the steady-state diffusional flux to square cuboid particles both isolated in the solution phase and supported on an inert substrate.<br>- I developed this model using C and the use of Python and Pandas to manipulate, analyse and visualise the results.  |
| EMPLOYMENT & EXPERIENCES | <b>Data Analyst, Mosaic Smart Data, London</b> <i>September 2022 - Present</i><br><br>- Account Manager experience for Rates Sales and Trading for a large Bank.<br>- Experience in using SQL to analyse and join tables of client trade data to fit into the company's data model.<br>- Agile Methodologies and Kanban experience.<br>- Use of Python and Bash to write scripts within a Unix environment to help automate processes.<br>- Worked on AWS hosted environments using EC2, Lambda and S3 Amazon tools.<br><br><b>Tax Analyst, Deloitte LLP, London</b> <i>September 2021 - September 2022</i><br><br>- Experience in using Excel to analyse large data sets to help businesses comply with tax reporting requirements.<br>- Research into legislation to answer tax queries and conveying such solutions in a digestible manner. |
| PERSONAL PROJECTS        | - Computer Vision Rock, paper, scissors game in Python<br>- Hangman game in Python<br>- Binance webscraper in Python<br>- Website in React JS  |