

Maciej Robert Szczesny

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HOSPITALITY EXPERIENCE

Splendid Hospitality, Edinburgh

MAY2024-NOW

- The job involves completing dinner services, drinks receptions, and more for various clients, doing a diligent job under high time pressure.
- Gained additional Bar training, which taught me how to work behind both mobile and stationary bars.
- Trained as a Team Leader, which allowed me to manage big groups of people with ease.

Joe and The Juice, London

OCT2022-APR2023

- Worked full-time during my gap year.
- Enhanced my customer service and communication skills, while also sharpening my abilities in teamwork and multitasking within a fast-paced environment.

BIOTECHNOLOGY EXPERIENCE

Intern at the Centre of New Technologies, Warsaw, Poland

JUN2024-AUG2024

- Learned the basics of 5' cap synthesis using solid state synthesis, supported by HPLC, TLC and Mass Spectrometry.
- Modifying mRNA for pharmaceutical purposes using techniques such as plasmid linearisation, IVT, cleanup using Monarch Kit, precipitation, freeze drying, nanodrop, dot plot to check for impurities, electrophoresis (agarose and polyacrylamide gel, SDS-PAGE), and Isolation using 5' exonuclease RNase.
- Protein purification using the *E. Coli* protein expression system, FPLC, MST, Dialysis, Centrifuge and a sonicator.
- Learned about working in R&D, financing research, the differences between public and private investment, scientific journals, how papers are published, and how to network and excel in a scientific career.

Data Manager for Pharmaceutical Companies, Remote

JAN2020-NOW

- Managing for Regeneron, Roche, and others. Learned thoroughness and how to use specialised tools for work, and how to work with sensitive data.

Intern at Warsaw Genomics, Warsaw, Poland

JUL2022-
SEP2022

- Witnessed every step of the PCR technique, including designing primers, pipetting, and using specialised machines in a laboratory. Learned how to follow laboratory protocol

Intern at the Department of Pathology and Laboratory Diagnostics, Warsaw, Poland

AUG2021

- Learned how to work in a pathology lab, use scientific microscopes, section paraffin-embedded tissues, and follow a lab protocol.

PROJECTS & EXTRACURRICULAR

Student Researcher at the Edinburgh Scientific Research Association

OCT2024-
MAY2025

- Planned a research project to study the degradation of common plastics by the fungus *Aspergillus niger*.
- Drafted a scientific proposal to secure funding for the project.

- Outlined methods for assessing the fungus's role in plastic biodegradation.
- Secured the funding.

Junior Analyst at the Edinburgh University Trading and Investment Club

JAN2025–MAR2025

- Created and submitted proposals as part of the "Healthcare" sector and presented our proposals to the EUTIC board, showcasing our strategic vision, and aiming to secure investments by effectively communicating our company's value proposition.

Volunteer at Hospicjum Stacjonarne im. św. Patryka, Poland

**SEP2019
–FEB2020**

EDUCATION

The University of Edinburgh, Edinburgh

2023–NOW

Undergraduate Biological Sciences (Biotechnology) Student, Current Avg. ~75%

St. Edward's, Poole

2020–2022

Biology, Chemistry and Maths A-Levels

Copernicus High School, Warsaw

2019–2020

Taipei Jingwen Bilingual School (臺北市景文高級中學), Taipei

2018–2019

Staszic Middle School, Warsaw

2023–NOW

Mathematics Middle School. Individualised Mathematics Classes.

SKILLS

Programming languages: Python, Markdown, Latex

Computer software/ frameworks: Microsoft Office Suite, Python, Fusion360

Languages: Polish (Native), English (Fluent), Chinese (Upper-Intermediate), Russian (Emerging)

UK Settled Status – Indefinite Leave to Remain (ILR)