

CINDY ZHANG

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EDUCATION

University College London

London, United Kingdom

MSci (Integrated Master's) Computational Biology | Upper Second Class Honours (2:1)

Sep 2021 – Jul 2025

- **Relevant Modules:** Statistics, Data Science Methods, Computational Biology & Bioinformatics, Genomics, and Cell Biology
- **Master's Dissertation:** Investigated ageing-related gene functions using computational and experimental approaches.

UWCSEA Singapore

Singapore

International Baccalaureate Diploma (Bilingual in English and Chinese) | 39 Points

Graduated Jun 2021

- **Higher Level (HL) Subjects:** Mathematics, Biology, and Chemistry

PROFESSIONAL EXPERIENCE

Strategy Consulting Intern

Beijing, China

PricewaterhouseCoopers LLP

Dec 2025 - Feb 2026 (Expected)

- Conducted commercial and market analysis for a leading Chinese medical device manufacturer's new product launch, coordinating policy reviews, competitor benchmarking, and data synthesis to support \$5M quarterly revenue opportunity.
- Analysed financial statements, equity structure, shareholding data, and product profiles for a leading Chinese dairy business; consolidated fragmented datasets into structured analysis to support management discussions on financial performance trends and investment decisions, enabling an \$80M+ capital investment.
- Supported AI-enabled business development initiative by evaluating efficiency opportunities and assessing data quality, tool usability, and cybersecurity risks, contributing to early-stage feasibility assessments for AI adoption and change management within the firm.

Assistant Editor

Singapore

MDPI (Global open-access publisher managing a portfolio of 400+ peer-reviewed journals)

Aug 2025 - Nov 2025

- Managed end-to-end editorial workflows for 15+ manuscripts monthly, mapping workflows, identifying operational bottlenecks, and applying root-cause analysis to improve turnaround times by 15-20% whilst maintaining compliance with editorial KPIs.
- Acted as primary coordinator between global authors, reviewers, and editors, managing delivery timelines and analysing dependencies to ensure stakeholder alignment, reducing project span by 10%.
- Conducted desktop research and expert mapping using scientific and industry databases, performing qualification due diligence on 100+ subject-matter specialists (SMEs) weekly to ensure reviewer allocation accuracy and minimise editorial errors.

Quality Assurance Intern

Singapore

Prestige Biopharma

Jul 2024 - Sep 2024

- Built automated R workflows to analyse compliance data, developing dashboards and heatmaps highlighting audit-risk hotspots and operational inefficiencies; performed trend analysis across training KPIs (e.g., completion rates and satisfaction scores) to support resource planning and risk mitigation strategies.
- Collaborated with Clinical Operations and Regulatory Affairs to pilot new quality-tracking tools, aligning on stakeholder requirements and managing adoption challenges to enhance cross-departmental coordination and increase tool adoption by 15%.
- Produced a presentation translating complex GCP regulations into actionable frameworks for internal teams, designing structured training materials that supported change management and improved regulatory understanding across the firm.

LEADERSHIP PROJECT

CSSXTECH Society Hackathon

Species Identification App Development

2024

- Achieved 2nd place out of 26 competing teams; co-developed a prototype of a **visual species identification app** using R, PowerApps, and Custom Vision.
- Conducted market mapping and user-needs assessment for citizen-science solutions; structured the problem into technical feasibility, user adoption, and cost components to guide MVP design.
- Led front-end design to enhance user experience (UX) and visual analytics, ensuring the technology was accessible to non-scientific audiences.

SKILLS & INTERESTS

- **Technical Skills:** R, Python, Data Visualisation, Statistical Modelling, Microsoft Office Suite, and Adobe Creative Cloud
- **Certifications:** Bloomberg Financial Market Concepts (BMC)
- **Activities:** President of the Genetics Society at UCL; Student Academic Representative (Biological Sciences) at UCL; Volunteer for Singapore Coastal Cleanup
- **Languages:** English (native), Chinese (native), Korean (basic)
- **Interests:** Snowboarding, Taekwondo (Black Belt), Flute (Grade 8 ABRSM), Travelling (travelled 20+ countries)