

# CINDY ZHANG

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## EDUCATION

### University College London

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

London, United Kingdom

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

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

Singapore

Graduated Jun 2021

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

## PROFESSIONAL EXPERIENCE

### Strategy Consulting Intern

PricewaterhouseCoopers LLP

Beijing, China

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

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

Singapore

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

Prestige Biopharma

Singapore

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)