

Resume Example

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EDUCATION

Columbia University, Columbia College, New York, NY

Expected May 2024

Bachelor of Arts, Biology | GPA 3.6

Relevant Coursework: Introductory Biology with lab, Organic Chemistry with lab, Biochemistry, Statistics

University of Cambridge, Newnham College, Cambridge, England, U.K.

September 2022 – June 2023

Columbia College Oxbridge Scholars Program

RESEARCH & CLINICAL EXPERIENCE

Lister Institute Summer Studentship

June 2023 – August 2023

University of Cambridge Department of Pathology, Cambridge, England

- Investigated Vaccinia virus protein and mechanism by which it degrades host cell proteins in HEK293T and HeLa cells through immunoprecipitation, as part of team of 3 researchers
- Created and selected for single and double knock-out clones for genes of interest with CRISPR-cas9
- Presented results to 10-person lab and wrote report detailing findings used to further team's research

Summer College Intensive Program

June 2022 – August 2022

New York–Presbyterian Brooklyn Methodist Hospital, Brooklyn, NY

- Cared for 10–15 patients per shift in hematology/oncology unit through hourly rounds, fall prevention, and feeding;
- liaised with physicians and nurses to ensure quality of care
- Contributed to weekly discussion groups on cultural competency and public health issues to improve services provided to patients
- Accessed alumni mentorship and additional professional development through Columbia University's Science

Technology Engineering Program

Summer Undergraduate Research Fellowship

May 2021 – August 2021

Columbia University Medical Center Department of Pathology and Cell Biology, New York, NY

- Researched communication of loss of mitochondrial DNA in *S. cerevisiae* in relation to G1/S checkpoint in cell cycle using Western blot assay to quantify phosphorylation
- Created and tested seven strains of yeast with deletions for specific proteins
- Presented research and final paper in lab meetings and at 4 science symposia

EXTRACURRICULAR EXPERIENCE

Teaching Assistant, Introductory Biology - Columbia University

September 2023 – May 2024

- Taught weekly recitation class of 15–20 students; led one-hour lecture, problem-solving session, and Q&A, reinforcing concepts covered by faculty; taught students one-on-one in weekly office hours
- Assessed student work by writing and grading quizzes, proctoring exams

Peer Adviser - Office of Global Programs, Columbia University

September 2023 – May 2024

- Met with approximately 10 students weekly to facilitate targeted exploration of international programs
- Marketed and planned events for up to 50 students that promoted value of study abroad experience

Crew Captain and Coxswain - Newnham College Boat Club

October 2022 – June 2023

- Led rowing and erg sessions 5–6 times per week for novice and senior boats, coxed several regattas

SKILLS & INTERESTS

Language & Computer Skills: Proficient in French and Microsoft Office (Excel, PowerPoint, Word)

Lab Skills: gel electrophoresis, Western Blotting, cell culture, and CRISPR-Cas9

Interests: Violin, Marathon running (Brasher Place Recipient for London Marathon), Coming-of-age literature, Parkour