

Resume Example

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EDUCATION

- Columbia University**, Columbia College, New York, NY Expected May 2019
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 2017 – June 2018
Columbia College Oxbridge Scholars Program

RESEARCH & CLINICAL EXPERIENCE

- Lister Institute Summer Studentship** June 2018 – August 2018
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 2017 – August 2017
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 2016 – August 2016
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 2018 – May 2019
- 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 2018 – May 2019
- 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 2017 – June 2018
- 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