

Jason Buckman

Student at Stevens Institute of Technology
Seeking full-time positions beginning May 2022

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Stevens Institute of Technology
Anticipated Graduation - May 2022
B.S. Science, Technology, & Society
GPA: 3.7, Dean's List

Certified National Registry Emergency Medical Technician 2019-2022
Certified Emergency Medical Responder 2019-2021
Certified Basic Life Support/CPR Provider 2019-2023
Certified Mental Health First Aid Provider 2019-2022

Areas of Expertise

Cell Culture, Immunology, Targeted Chemotherapies, Antioxidants, Cellular Proliferation Assay, Histology, Intercellular Signalling, Literature Review, General Benchwork, Microsoft Excel, Data Analysis, Project / Team / Organization Management



Relevant Work Experience

- Jun 2020 - Present
- Research & Development Intern (PSRA & Project Management), Estée Lauder Companies, Melville NY**
 - Work with the Global Product Safety and Regulatory Affairs (PSRA) and Project Management teams
 - Research, organize, and implement a plan to roll out product registration technology to over 30 unique markets
 - Coordinate and collaborate with IT, Business, and vendor personnel
 - Lead a campaign as an intern class to raise money for the Breast Cancer Research Foundation
 - Research & Development Intern (Microbiology), Estée Lauder Companies, Melville NY**
 - Worked in the R&D Operations division in the Microbiology lab
 - Analyzed data from the antimicrobial testing of products and ingredients
 - Discovered high priority ingredients to test and use for antimicrobial activity in formulations
 - Identified weak areas to improve in formulation regarding antimicrobial efficacy
 - Research & Development Intern (Skin Biology), Estée Lauder Companies, Melville NY**
 - Worked in the Advanced Technologies division in the Skin Biology lab
 - Led the search for new active naturally derived antioxidant ingredients through data analysis and literature review
 - Performed free radical neutralization assays to test efficacy of identified ingredients and ingredient combinations
 - Presented project findings in front of the entire research and development division, with over 300 attendees
- May 2019 - Sep 2019
- Cell Biology Student Researcher, Stevens Institute of Technology, Hoboken NJ**
 - Performed stem cell colon cancer research in Dr. Ansu Perekatt's lab at Stevens Institute of Technology
 - Differentiated HL60 cells into neutrophils and treated them with pancreatic cancer secretions to test for netosis
 - Assisted with various lab tasks e.g. paraffin sectioning, IHC, & IF
- Jun 2017 - Jun 2018
- Molecular Biology Research Intern, UConn Health Center, Farmington CT**
 - Assisted with Paget's Disease and Osteosarcoma research in Dr. Marc Hansen's lab in the Center for Molecular Oncology
 - Independently completed a research project on synthetic lethal chemotherapies to block the Vps4 pathway
 - Immunology Research Intern, UConn Health Center, Farmington CT**
 - Assisted immuno-oncology research in Dr. Pramod K. Srivastava's lab in the Center for Immunology of Cancer and Infectious Diseases
 - Learned and performed various lab tasks e.g. primary cell culture, murine dissection, and flow cytometry



Leadership Experience

- Feb 2020 - Present
- Treasurer, Alpha Phi Omega Theta Alpha Chapter**
 - Create and maintain budgets of up to \$10,000, run the finance committee, and complete all purchases
- May 2020 - May 2021
- Resolution Coordinator & Philanthropy Chair, Alpha Phi Omega Theta Alpha Chapter**
 - Resolve intrapersonal conflict in the chapter and support all brothers with appropriate external resources
 - Coordinate and organize all philanthropy events
- Mar 2019 - Mar 2021
- President, Stevens Hillel**
 - Oversee and manage all club operations, events, and community outreach
 - Grew club approximately 200% through increased programming and Hillel International affiliation
- Feb 2020 - Dec 2020
- Peer Leader, Biology and Biotechnology (BIO 281)**
 - Coach students during in-class group discussions and enable students to develop self-learning skills
 - Hold office hours and review sessions to help instruct students and prepare them for success
- May 2019
- Rising Leader Award, Stevens Office of Student Life**
 - Awarded yearly to two students considered emerging leaders who have attended Stevens for less than two years and exemplify a dedicated involvement and commitment to enhancing campus life
- Sep 2018 - April 2019
- Participant, Stevens Leadership Education and Diversity Seminars (LEADS)**
 - Participated in Stevens Institute of Technology's Leadership Education and Diversity Seminars