

VICTORIA AUGOUSTIDES

victoria@augoustides.com | Portfolio | LinkedIn

SUMMARY

Biological engineering NCSU junior with a diverse technical background seeking a position in Raleigh/Durham/RTP to gain experience in process design, facilitation of tech transfer, upstream manufacturing and risk assessment in the product development life cycle. Committed to innovative problem solving, prioritizing safety and public healthcare, and executing the company direction through current Good Manufacturing Practices (cGMP).

EDUCATION

B.S. in Biological Engineering, minor in Biomanufacturing, **North Carolina State University** 2017-2022
University Honors Program (UHP), Deans List, Alpha Epsilon, EYE Grant, UHP Grant, GPA 3.8

WORK EXPERIENCE

- Reep Grant Scholar: Undergraduate Researcher** Aug 2020 - May 2021
- Performing research and chemical testing under Dr. Praveen Kolar in a grant-funded project, investigating the potential of pine biochar to be used as a biological filter for sustainable purification of swine wastewater in agricultural manufacturing. Gaining knowledge of enzyme hydrolysis, filtration, data analysis and use of standard analytical protocols.
- First Virtual 2020 ISPE Hackathon: Winning Team Leader** July 2020 - Aug 2020
- Developed a project plan to improve company preparations for an FDA audit for novel gene therapy product development.
 - Organized a cohesive team in 3 days, maintained positive team moral although half the team left for time commitments.
 - Led subcommittees dedicated to Lentiviral vectors, global supply chain manufacturing, consideration of personnel and facilities safety through PPE reuse and resanitization.
- Engineering Thermodynamics Textbook: Process Diagram Editor** Apr 2020 - Aug 2020
- Edited, digitized and created 50+ professional process diagrams, 300+ pages of text and cited references for Dr. Clement Kleinstreuer's book entitled, *Essentials of Engineering Thermodynamics*.
 - Exhibited project management by independently setting and meeting all deadlines.
 - Gained experience in technical writing and documentation.
 - Provided critical feedback and ensured consistency, accuracy and content fluidity through the text.
- Piedmont Integrative Medicine: Digital Process & Product Engineer** Sep 2018 - Aug 2020
- Transferred Dr. Augoustides' medical practice into an online educational format to continue business operations during the COVID-19 pandemic.
 - Co-developed 4 new products with technical documentation and monthly business progress reports.
 - Generated \$1,900+ in revenue in 4 months via the product pipeline created.
 - Trained and transitioned a 500+ group of patients into a virtual environment.
 - Scaled up whiteboard process flow diagrams to actionable workflows in a digital interface and performed risk assessment at each step.

RELEVANT COURSES & SKILLS

Coursework: Lab Principles and Applications of Bioseparations (BEC 330); Bioprocessing Fundamentals (BAE 321); Transport Phenomena (BAE 302); Organic Chemistry Labs (CH 222,224)

Skills: Adept in technical support, proficient in meeting timelines, proven expertise in planning, organizational skills, and leadership, excellent interpersonal communication skills. MS Office and Google Suites.

Certification: Quantitative Biology Workshop (MITx) where I performed data analysis on population biology, biochemical equilibrium kinetics, molecular modeling of enzymes, visual neuroscience, global single-cell gene expression, development, and genomics.

SERVICE & COMMUNITY

- Alpha Epsilon Honor Society: NCSU President** Fall 2021
- Designing professional events for the honor students in my engineering department.
- American Society of Agricultural and Biological Engineers: NCSU Vice President** Fall 2021
- Leading a subcommittee for recruitment of more students to my engineering department.
 - Maintenance of oral and written communications with 12+ industry partners for our departmental career fair.
- Organic Chemistry 1 & 2 TA: Dr. Kay Sandberg** 2020-2021
- Assisting students in weekly problem solving, facilitating cooperative group work and identifying areas of improvement.
- North Carolina Life Sciences Virtual Networking Group: Pilot Executive Board Member** 2020-2021
- Serving the RTP life sciences industry by developing solutions to the stagnation of personal connections due to COVID-19 faced by personnel through various technical services.