

Evan Streator

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5638 North Island Drive
Canton OH, 44718

Education

Ohio University

Bachelor of Science in Chemical Engineering

Athens, Ohio

Graduation: May 2019

GPA: 3.98/4.00

Technical Skills

- PI ProcessBook, EKHOSoft, ChemCad, MATLAB, PSM Familiarity (MOC, PHA, LTT/LOTO), OEE, Excel Macros/Visual Basic, Microsoft Office Suite

Professional Experience

Solvay Specialty Polymers, Marietta OH Plant

(May - August 2018)

Production Engineer Intern (Polymer Compounding Unit)

- Coordinated work between the Industrial Automations Group, EKHOSoft, and PCU management to initiate the implementation of the automated OEE monitoring software called EKHOSoft.
- Initiated the transition from paper logs to digitalized record keeping via EKHOSoft.
- Finalized the roll out of updated DCS graphics in the PCU unit along with data acquisition tools.
- Established a working relationship with operators allowing for effortless training on new DCS graphics and procedures.
- Utilized PDCA problem solving to address a high priority quality issue regarding bag labelling.
- Replicated DCS screens utilizing PI ProcessBook to allow real time production view for engineers.

Case Western Reserve Department of Pharmacology

(May - August 2017)

Research Intern (Dr. Youwei Zhang Lab)

- Designed experiments to investigate non-chemotherapeutic cancer drugs (Na/K ATPase inhibitors).

University Experiences

Ohio University Department of Chemistry

(August 2017 - Present)

Organic Chemistry Peer Mentor

- Lead weekly classes for students in organic chemistry, teaching them vital problem solving skills.

Biomedical Engineering Department at Ohio University

(Fall 2016 - Present)

Undergraduate Research (Dr. Douglas Goetz Lab)

- Aided in the creation of a procedure to produce particles that selectively bind to esophageal cancer.
- Collaborated with a cross functional group of engineers and medical experts to further the understanding of novel small molecule protein kinase (GSK-3) inhibitors.
- Publication: An adhesion based approach for the detection of esophageal cancer, November 2018

Involvement and Honors

Ohio University Renaissance Engineers, Founding President (2017-2018), Member (2017-Current)

- Helped construct Ohio Universities first local volunteer based engineering organization.
- Coordinated general body meetings and organized educational outreach programs in local libraries.

WERC Environmental Design Competition, Team Ohio University, Project Manager (Current)

- Designing a scale model process used in the recovery of phosphorus from water for use as fertilizer.

Tau Beta Pi Engineering Honors Society: Ohio Delta Chapter, *Vice President* (February 2018 - Current)

American Institute of Chemical Engineers, National Member (2018 - Current)

Canton Regional Society of Professional Engineers Scholarship (2018)

Outstanding Sophomore and Junior in Chemical Engineering (2016, 2017)