

Jake Albin

Jdalbin3@gmail.com | (513) 833-4714 | Gainesville, FL

<https://www.linkedin.com/in/jake-albin>

OBJECTIVE

Seeking a position in product or process engineering that provides the opportunity to leverage my strong technical skills in a challenging yet rewarding business environment.

EDUCATION

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

May 2020

MINOR IN BUSINESS ADMINISTRATION

May 2020

University of Florida | Gainesville, FL

GPA: 3.3/4.0

WORK EXPERIENCE

Process Engineering Intern | ONICON Inc. | Clearwater, FL

May 2019-Aug. 2019

- Optimized water flow purity by shortening meter calibration time by 10%
- Modernized over 100 part drawings by leveraging SolidWorks
- Designed and led testing of meter behavior at varying flow rates to optimize meter design

Manufacturing Engineering Intern | ONICON Inc. | Clearwater, FL

May 2018-Aug. 2018

- Automated meter manufacturing process enabling 900% throughput increase
- Designed schematic for a new electromagnetic fluid flow meter
- Led testing program for new meter concept
- Optimized and updated manufacturing instructions documents

Pharmacy Manufacturing Intern | Specialty Medical Drugstore | Southgate, KY

May 2016-Aug. 2016

- Increased production by over 5 times by implementing an automatic dispensary
- Filled, packaged, shipped, and delivered customized prescriptions
- Automated the process of printing shipping labels

Pharmacy Technician Intern | Jungle Jim's Pharmacy | Fairfield, OH

May 2016-Aug. 2016

- Compounded, compressed, and mixed pharmaceuticals to meet customer needs
- Effectively managed pharmacy inventory

ACTIVITIES

Athletic Director | Pi Kappa Phi Fraternity | UF

Jan. 2019-Current

- Awarded the 2019 Presidents Cup for most outstanding fraternity athletic excellence
- Coordinated 8 different sports teams each with individualized practice schedules

Director of Marketing | Engineer's Week | UF

Sept. 2017-Apr. 2018

- Generated record E-Week total attendance, improving by over 10%
- Directed the entire E-Week advertising campaign including videos, banners and flyers
- Designed the logos and branding for each of the individual E-Week Events

Chem-E Car Design Team | American Institute of Chemical Engineers | UF

Sept. 2017-April 2018

- Led the research and development of the car's starting mechanism
- Competed in national competitions finishing in the top 1/3 of all cars

ADDITIONAL SKILLS & FLUENCIES

Proficient in Java, Python, Microsoft Office, Excel VBA, HTML, Aspen Plus, Solidworks, and Affinity Designer