

Benjamin E. Williams

1920 Exchange Dr. Apartment 535 Unit A

919-812-1411

Greenville NC, 27858

Williamsbe14@students.ecu.edu

Education

East Carolina University- College of Engineering, Greenville NC

May 2018

Bachelor of Science in Engineering with a concentration in Mechanical Engineering

Experience

May 2017-August 2017

Internship - Kymanox, Research Triangle Park NC

- Contributed on the commissioning and qualification of lateral flow assay dispensing equipment for a consumer products start-ups company, including executing IQ/OQ of the equipment.
- Gained hands on experience with Biodot XYZ3210 equipment.
- Participated in a project to develop a Mechanical Integrity program, with predictive modeling for processing equipment end of life for a large biotechnology manufacturer.
- Project management execution for multiple client projects.
- Utilized project management skills to plan team-building events for company team members.

May 2016-August 2016

Internship - Biogen-Plant Engineering, Research Triangle Park NC

- Updated P&ID (Piping and Instrumentation Diagrams) flowcharts
- Tasked with troubleshooting HVAC systems
- Partnered to conduct an energy audit for the RTP site
- Gained an overall knowledge of facility and utility systems in the pharmaceutical industry
- Learned about GMP in the pharmaceutical industry
- Utilized GDP

May 2015- August 2015

Internship- Engineering Consulting Services LLP (ECS), Raleigh NC

- Responsible for writing detailed reports on completed tests
- Ensured contractors followed the specifications given
- Nuclear Gauge Certified
- Laboratory testing of construction materials
- Field testing (slump tests, moisture intrusion testing, nuclear gauge testing for compaction, and footings testing)
- Interfaced directly with construction management

Skills

Beginner Spanish

Proficient in MATLAB

Solid Works (Computer aided design modeling program)

Activities

Beta Theta Pi Fraternity- Former Vice President of Finance

ASHRAE (East Carolina University Chapter)- Treasurer