

RESUME

Michael Johnson
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Raleigh, NC 21910

Permanent Address: 123 Jackson Street
Gary, IN 27519

Objective

Obtain a research opportunity at NIST to develop my technical skills chemistry.

Education

North Carolina State University, Raleigh, NC
B.S. May 2017 (expected)
Major: Mechanical Engineering
GPA 3.43

Job Skills

- Labview, Word, Excel, PowerPoint, Mathematica,
- Laboratory: Safety measures, titrations, reading measurements, analytical instrumentation (FTIR, SEM, DSC)
- Communication: Public speaking, technical writing
- Other: Spanish, Arabic

Projects

Green Plastic Bag Project

- Compared the biodegradability of green plastic bags in a kitchen composter. Documented the weight measurements and physical appearance (light microscopy) for 6 months.

Biodegradable Film Project

- Worked under the direction of a graduate student to synthesize films using commercially available green chemicals on a hot press. Study the structure of the green films.

Freshman Design Project

- Studies the impact of various concentrations of chlorine on the cuticle layer of Caucasoid, Negroid, and Mongoloid hair types. Documented the change in chemical structure (FTIR) and physical structure (scanning electron microscopy)

Work Experience

North Carolina State University, Raleigh, NC June 2015 – August 2015
Chemistry 101 Teaching Assistant

- Grade assignments and tests, set up review sessions, oversee studio workings and answer questions, be available for weekly office hours

North Carolina State University, Raleigh, NC August 2014 – Present
Resident Assistant

- Organize educational events and activities for 30 first year students in the University Scholars Program ensuring their mental health and safety and serving an on call duty rotation while collaborating closely with other staff members

Honors and Activities

- Women in Science and Engineering (WISE) – Secretary
- American Chemical Society (ACS)
- Alpha Alpha Alpha Sorority- Membership Intake Chair
- Chemistry Tutor-University Tutorial Center

Be sure to include the following

- GPA
- Study Abroad Experiences
- Special Skills (research, computer, language)
- Any tutoring or mentoring experience
- Leadership Skills
- Involvement in professional organizations