

John Smith

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SUMMARY

Hardworking, entry-level chemist offering more than 5 year of lab-testing experience within the FDA- and cGMP-regulated environment of health and beauty products manufacturing. In-depth knowledge of wet chemistry and titration methods; experience using instrumentation such as AA, FTIR, HPLC, GC and ICP.

EDUCATION

University of Georgia

Aug '98 – May '14

MS Science in Chemistry with Minor in Biology – GPA: 3.81

EXPERIENCE

CDC, Chemical Lab Technician Intern

Atlanta, GA

May '18-Present

- Participate in process improvement teams and analytical troubleshooting sessions with peers, process engineers, and technical support staff.
- Assess and analyze routine and non-routine product samples, imperfections, and urgent product problems.
- Collect, compile, organize, and presented data to product support and development teams.
- Compose thorough, descriptive technical reports, operating procedures, and methods, incl. supporting photomicrographs and graphic data.
- Maintain, repair, setup, and calibrate complex instrumentation, equipment, and microscopes.

University of Georgia Chemistry Dept., Undergraduate Research Assistant

Dec 14-June

- Deliver and organize research presentations for weekly group meetings, departmental seminars, and thesis defense oral examination. Analyze scientific articles to compare and improve research studies.
- Provide recommendations for operations, including purchase of necessary supplies, and reorganization and maintenance of chemical inventory.
- Develop and present lectures and assessment tools for undergraduate courses.
- Execute analysis of 10% increase in 160 student examination scores against homework grades to extrapolate effectiveness of online system.
- Mentor 15 undergraduate students in math, physical sciences, synthesis, and project management of scientific investigations.

University of Georgia Chemistry Dept., Chemistry Lab Assistant

June 13-Sept 2013

- Serve as chemistry lab assistant for approximately 4 sections of Chemistry per week with a minimum of 20 students in each section.
- Setup experiments for instructors to use during lab exercises.
- Help students conduct chemistry experiments for Chemistry 101 and 102 labs and provide assistance for special needs students.
- Clean and organize lab equipment, including chemicals and glassware, and prepare lab devices such as computer analyzers for experiments.
- Complete inventory of chemicals for the entire chemistry department.

SKILLS

Microsoft Office, Python, Agarose Gel Electrophoresis, PCR (Polymerase Chain Reaction), Team Player, Expert Problem Solving