

TOM TIGER

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EDUCATION

University of Memphis, Memphis, TN
Bachelor of Science, Chemistry

Expected Graduation: May 2026

- GPA: 3.5/4.0
- Relevant Coursework: Analytical Chemistry, Organic Chemistry I & II, Physical Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Methods

RELEVANT EXPERIENCE

University of Memphis – Department of Chemistry, Memphis, TN
Laboratory Assistant (General Chemistry Lab)

August 2024 – Present

- Prepared chemical solutions and reagents for weekly undergraduate lab sessions
- Assisted students in following lab protocols and proper handling of lab equipment
- Ensured compliance with lab safety regulations and maintained inventory of supplies

University of Memphis, Memphis, TN
Summer Research Intern

May – August 2024

- Supported synthesis of organic compounds for pharmaceutical analysis
- Operated FTIR and UV-Vis spectroscopy equipment to measure compound purity
- Documented lab results in electronic lab notebooks and presented findings in weekly meetings

CAMPUS LEADERSHIP & ACTIVITIES

Student Members of the American Chemical Society, UofM Campus
Member

September 2023 – Present

- Participated in community science outreach events and STEM career panels
- Attended talks and workshops on chemical safety and green chemistry

SKILLS

- Lab Techniques: Titration, Distillation, Chromatography (TLC/Column), Spectroscopy (UV-Vis, FTIR), Melting Point Analysis
- Software & Tools: Microsoft Excel, ChemDraw, LabQuest, Origin, Google Workspace
- Safety & Compliance: OSHA lab safety standards, chemical waste handling

CERTIFICATION

- Lab Safety Training - Environmental Health and Safety (EHS), University of Memphis, 2023
- Chemical Hygiene & Hazard Communication – Occupational Safety and Health Administration (OSHA), 2023