BENNETT W. CLARK

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EDUCATION:

William & Mary, *Bachelor of Science, May 2026, Chemistry Major, Mathematics Minor*
Current GPA*: 4.0*

Relevant Chemistry Courses:

- Computational Chemistry
- Physical Chemistry I-II
- Instrumental Analysis

Relevant Computational Courses:

- Linear Algebra
- Data Structures
- Computational Problem Solving

SKILLS:

Computational: Python, Gaussian, Bash, Linux, Xcalibur, AMBERMD, Excel, MatLab
Lab: LC-MSMS*,* UV-VIS GC-MS, AAS, AES, TLC, NMR, IR Column Chromatography, gel electrophoresis, Organic extraction, titration, MP Analysis, PCR

RESEARCH EXPERIENCE:

Research Assistant– **William & Mary, Chemistry Department** (September 2023-Present)

- **Developed** a protocol for quantification of sucrose, glucose, and fructose concentrations in nectar samples using high performance liquid chromatography and tandem mass spectroscopy
- **Implemented** multiple simulated annealing and clustering to conduct conformational searches of small peptides in AMBERMD.
- **Performed** basic repair and maintenance procedures for LCMS instrumentation

Research Intern– **VCU Massey Cancer Center** (Summers 2020-2021)

- **Organized** and analyzed patient records to compile different subsets of medical data through Excel
- **Coauthor** on abstract, Functional B Cell Reconstitution Following Allogenic Stem Cell Transplant, published in the journal *Blood*

WORK EXPERIENCE:

CRLA Certified Tutor– **William & Mary, Tutorzone** (September 2023-Present)

- **Worked** with college students to improve performance in Biology, Chemistry, Physics and Computer Science.
- **Provided** study plans for and strategies for new students.
- **Furthered** student understanding through patient listening and clear communication

Resident Assistant– **William & Mary, Residence Life** (August 2024 – Present)

- **Planned** and led community initiatives to build culture in the residence hall.
- **Enforced** residence life rules and guidelines.
- **Handled** challenging incidents involving residents.