Ross George
coolcuber.com

STATEMENT OF PURPOSE
To develop and apply diverse mathematical tools from algebra, geometry, and coding theory towards enhancing digital privacy, integrity, and security for all people.

RESEARCH INTERESTS
Algebraic Cryptography, Algebraic Number Theory, Applied Cryptography, Coding Theory, Computational Algebra, Computer Algebra Systems

RELEVANT INTERESTS
Free Software, Functional Programming, Linux

EDUCATION
Ph.D. Candidate, Clemson University, 2025–Present, Mathematics
M.S., Virginia Tech, 2024–2025, Mathematics
B.S., Virginia Tech, 2021–2024, Mathematics (Computer Science minor)

TEACHING
Clemson University:
- Business Calculus (MATH 1020), Fall 2025–Present

SELECTED WORKS
1. Ross George. "Constructing CSS-T Codes from Extended Quasi-Cyclic Codes". Available at `https://hdl.handle.net/10919/135085`. MS thesis. Virginia Tech, 2025

PRESENTATIONS
1. INFORMS Optimization Society 2024 (working under Dr. Manish Bansal)
   Exact Algorithm for Maximum Feasible Subsystem Problems with Uncertain Input Data

MEMBERSHIPS
Virginia Tech Linux and Unix User Group (joined September 2024)
Phi Beta Kappa (joined May 2024)
Clemson Linux User Group (created September 2025)

AWARDS & HONORS
Eagle Scout (2021)
VT Outstanding Student in Applied Discrete Mathematics (May 2024)