

Hazel Terek

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EDUCATION

Clemson University

Bachelor of Science in Computer Science and Mathematical Sciences

Clemson, SC

Aug. 2023 – May 2027

- General Honors and Departmental Honors in Computer Science
- GPA: 3.83

RESEARCH EXPERIENCE

Research Experience for Undergraduates in Software Engineering

Carnegie Mellon University

May 2026 – Present

Pittsburgh, PA

- Incorporating mutable references into information flow type systems
- Mechanizing proofs and implementing prototypes in Lean

DevLab

Clemson University

Aug. 2025 – Present

Clemson, SC

- Continuing work on gradual verification by incorporating new features into its proof of soundness

Research Experience for Undergraduates in Software Engineering

Carnegie Mellon University

May 2025 – Aug. 2025

Pittsburgh, PA

- Expanding gradual verification by incorporating a new feature into its proof of soundness

ScaLab

Clemson University

Jan. 2025 – May 2025

Clemson, SC

- Led a group of undergraduates in studying quantum programming languages and verification
- Mechanizing our preliminary work in Isabelle/HOL

School of Mathematical and Statistical Sciences

Clemson University

Feb. 2024 – May 2025

Clemson, SC

- Characterizing infinite graphs based on invariants including metric dimension and strong metric dimension

PUBLICATIONS, PRESENTATIONS, AND POSTERS

- **Poster:** *Information Borrowing*. REUSE 2026 Poster Session.
Hazel Terek, Hemant Gouni, Jonathan Aldrich.
- **Preprint:** *Gradually Verifying Unfolding Expressions & Pure Functions*.
Hazel Terek, Long Tien Nguyen, Priyam Gupta, Jenna DiVincenzo, Jonathan Aldrich. July 2026.
- **Preprint:** *Infinite graphs with finite metric dimension*.
Csaba Biró, Caroline E. Boone, Beth Novick, Hazel Terek. April 2026.
- **Presentation:** *Unfolding Expressions for Gradual Verification*. IWACO 2025.
Hazel Terek, Long Tien Nguyen, Jonathan Aldrich. October 2025.
- **Poster:** *Unfolding Expressions for Gradual Verification*. REUSE 2025 Poster Session.
Hazel Terek, Long Tien Nguyen, Jonathan Aldrich. July 2025.
- **Presentation:** *Strong metric dimension of infinite graphs*. AMS Spring Southeastern Sectional Meeting.
Hazel Terek, Beth Novick, Csaba Biró. April 2025.
- **Poster:** *Strong metric dimension of infinite graphs*. Clemson University Honors College Research Symposium.
Hazel Terek, Beth Novick, Csaba Biró. November 2024.

TEACHING EXPERIENCE

Lead Undergraduate TA for Academic Instruction

Aug. 2026 – Present

School of Computing, Clemson University

Clemson, SC

- Recruiting, interviewing, and onboarding new undergraduate teaching assistants
- Co-instructor for CPSC 1900: Teaching Assistant Fundamentals
- Maintainer for the autograder framework used in the School of Computing

Head TA for CPSC 1070: Programming Methodology

Dec. 2024 – May 2026

School of Computing, Clemson University

Clemson, SC

- Managed a team of other TAs for CPSC 1070: Programming Methodology
- Led labs and office hours, taught students, designed and graded assignments, and created autograders

Undergraduate TA for CPSC 1070: Programming Methodology

Jan. 2024 – Dec. 2026

School of Computing, Clemson University

Clemson, SC

- Led labs and office hours, designed and graded assignments, and created autograders
- Helped students learn concepts of C and C++ in a second-semester intro course

ACTIVITIES

Co-Director

May 2025 – Present

CUhackit

Clemson, SC

- Leading a team of student organizers to organize South Carolina's largest annual hackathons
- Identifying and collaborating with academic and industry partners to support events

Vice President

Sep. 2024 – May 2026

oSTEM at Clemson University

Clemson, SC

- Organized events for LGBTQ+ students and allies in STEM fields at Clemson

President

Sep. 2024 – Jan. 2026

Clemson University ACM Student Chapter

Clemson, SC

- Planned events for 100+ members of the computing community at Clemson with other student organizations
- Organized and led Clemson's competitive programming team in ICPC

AWARDS

Outstanding Junior Award

Apr. 2025

School of Computing, Clemson University

Brawley Sophomore Award

Apr. 2025

School of Mathematical and Statistical Sciences, Clemson University

GRANTS

REU Travel Grant for NSF CISE Students

Sep. 2025

Computing Research Association

\$1,200

Honors Conference Travel Grant

Sep. 2025

Honors College, Clemson University

\$500