

# MARY BUIST

✉ [mbuist25@gmail.com](mailto:mbuist25@gmail.com)

in [linkedin.com/in/mtbuist](https://www.linkedin.com/in/mtbuist)

🐙 [github.com/mbuist](https://github.com/mbuist)

## Education

---

### Rutgers University

Piscataway, NJ

*Bachelors of Science in Computer Science, Bachelors of Arts in Physics 3.8 GPA*

*Sep 2022- May 2026*

- **Selected Coursework:** Data Structures and Algorithms, Computer Architecture, Systems Programming, Software Methodology, Computer Algorithms, Database Management, Discrete Mathematics, Database Management, Data 101
- **Awards:** Deans List Fall 2022, Spring 2023, Fall 2023, Spring 2024, Fall 2024, Spring 2025
- **Societies:** Sigma Pi Sigma Physics Honor Society, Phi Beta Kappa Honor Society

## Professional Experience

---

### Rutgers Computer Science Department

Piscataway

*Intro to Computer Science Head Teaching Assistant*

*Jan 2024 - Present*

- Led course coordination team of 100 acting as domain expert and liaison, providing real-time feedback to enhance course quality for 2,000 students per year
- Initiated weekly team-building discussions, contributing to increased group accountability and achieving a 39% share of total query resolutions
- Offered in-person office hours mentoring and tutoring to over 50 students, reducing workload for course support staff by 6%
- Prioritized timely updates for grades and feedback on 20,000 assignment submissions per year, achieving a 91% reduction in feedback turnaround time from previous semesters

*Student Community Manager*

*Jan 2024 - Present*

- Strengthened interdepartmental and club visibility by serving as lead photographer and contributing over 50 pictures for CS department
- Organized and hosted CSL community crochet nights to foster social bonding and create a welcoming third place
- Addressed and solved 11.7% all student concerns from ticket queue offering coding, debugging and peer support

*Assignment Guru Director*

*Jan 2025 - Present*

- Manager and mentored undergraduate student cohort in an accelerated 6-week program, driving deliverable execution and team cohesion in 40% of the time with an 80% completion rate
- Designed and implemented two greenfield object oriented programming assignments for 3,000 students in Rutgers' introductory computer science courses
- Streamlined communication and ownership with assignment creators, ensuring the prompt and efficient release of course assignments, increasing operational efficiency by 85%

### Verizon

Basking Ridge HQ

*Consumer Group Business Architecture Strategy Intern*

*Jun 2025 - Aug 2025*

- Researched agentic AI applications to address user pain points, designing solutions that improved customer experience and operational efficiency
- Collaborated with over 25 analysts and strategists across engineering, customer experience, marketing and sales to gather insights for team research and professional development

## Club Involvement

---

### Hack RU - Rutgers Flagship Hackathon

Piscataway, NJ

*Marketing Organizer*

*Jan 2024 - Present*

- Contributed 50+ day of event photos and dedicated 20+ volunteer hours sending emails and posting promotional flyers, resulting in over 500 signups and increased event engagement

## Technical Skills

---

**Languages:** Java, C, SQL, LaTeX, Python, R, MatLab

**Developer Tools:** VSCode, IntelliJ IDE, Android Studios, GitHub, MySQL Workbench, JUnit, Slack, Notion