

# Ian Beard

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## EDUCATION

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### New York University

*Bachelor of Arts, double major in Mathematics and Art History*

- GPA: 3.94/4.0
- Peer mentor to first- and second-year math students

**Graduating class of 2024**

*New York, NY*

## AWARDS AND HONORS

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### New York University

- Sole recipient of the Barbara and Ben Aliza Dean's Award (2024)
- Inducted into the Phi Beta Kappa honor society (2024)
- Graduated with Latin honors, *magna cum laude* (2024)
- University Honors Scholar, recipient of Founders' Day Award (2024)
- Dean's List (2020-2024)

## WORK EXPERIENCE

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### NYU Courant Institute of Mathematical Sciences

**January 2023 – May 2024**

*Peer Tutor*

*New York, NY*

- Assisted over 40 students each semester in understanding course subject matter and problem-solving
- Subjects tutored: college-level algebra, calculus, linear algebra, discrete mathematics, real analysis, and abstract algebra
- Provided instruction both one-on-one and in groups
- 240 hours of experience

*Course Grader*

- Graded and provided feedback on over 250 assignments for Calculus and Real Analysis courses

### Gaming Laboratories International

**June 2023 – August 2023**

*Math Analyst Intern*

*Lakewood, NJ*

- Mathematically analyzed slot machine and keno games to ensure regulatory compliance
- Programmed game simulations with C++ and performed analytic computations for analyses
- Identified discrepancies in 40% of analyzed games, ensuring fairness and compliance
- Collaborated with the engineering team and clients to resolve game discrepancies

## PUBLICATIONS

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- "Decoding Anachronism in Domenico Ghirlandaio's Innocenti Altarpiece," *Ink & Image*, vol. 15, spring 2023, Undergraduate Research Journal for New York University's Department of Art History.

## SKILLS & INTERESTS

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- **Skills:** LaTeX formatting, Computer Programming (Java, C++, Python)
- **Interests:** Travel, Hiking, Writing, Philosophy, Art History, Fitness, Music, Film