

Abby Nam (she/her)

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11 Henley Ave, Cranford NJ, 07016

EDUCATION

Lafayette College, Easton, PA
B.S. Psychology, Data Science Minor

Expected May 2027
GPA: 4.0

ACADEMIC HONORS & AWARDS

Aspirations in Computing (AiC) Award: Spring 2024
Dean's List: Fall 2024, Spring 2025, Fall 2025, Spring 2026
Alpha Psi Omega, Psi Chi: Spring 2026

SKILLS

Technical Skills: Python, SQL, HTML, CSS, Java, Excel, Tableau
Tools: Photoshop, Premiere Pro, After Effects, Illustrator, Procreate, Google Analytics 4, JASP

RESEARCH EXPERIENCE

Big Data REU, University of Maryland, Baltimore County **Summer 2026**
NSF Research Fellow: Conducted collaborative research mentored by Dr. Matthias Gobbert on a multidisciplinary machine learning project focused on improving real-time imaging for proton beam radiotherapy. Developed and evaluated PyTorch models on GPU-enabled systems using UMBC's high-performance computing cluster, performing data analysis and model optimization to enhance medical imaging accuracy and improve patient outcomes.

EXCEL Neuroscience Program, Lafayette College **Spring 2026 - present**
EXCEL Scholar: Independently continued the development of an online game used to screen children for dyslexia risk and prevention by supporting game design, data collection workflows, troubleshooting, and testing user experience for Dr. Lisa Gabel.

Open Education Fellowship, Lafayette College **Fall 2026 - present**
Research Fellow: Researching the impact of free academic resources and support. Applied data analysis, visualization, and web development skills to evaluate program effectiveness, communicate findings, and support efforts to improve educational accessibility and student success.

PROFESSIONAL & TECHNICAL EXPERIENCE

The Maggin Creative and Performing Arts Initiative (CaPA), Lafayette College **Fall 2025**
CaPA Art Marketing Intern: Contributed to the development of a new Virtual Arts Campus Tour by organizing and uploading multimedia content, sourcing and cataloging digital assets, and collaborating with arts staff. Gained hands-on experience in digital media management, arts marketing, UX/UI principles, and web content development within a higher education environment.

Lafayette College, Skillman Library **Spring 2025 - present**
Bicentennial Library Fellow: Uses Silverfast 9, Photoshop scripts, and scanners to digitize yearbooks for the Lafayette Digital Repository.

INVOLVEMENT

Ballotpedia Fellows Program, Ballotpedia **Summer 2026**
Research Fellow: Researched local election candidates and compiled endorsement, campaign, and contact information for Ballotpedia's public encyclopedia. Verified data accuracy and contributed to expanding publicly accessible election resources for U.S. citizens through independent remote research.

Easton Area Community Impact Committee, Lafayette College **Spring 2026**
Community Engagement Intern: Conducted asset-based community mapping, and analyzed survey data to generate evidence-based insights supporting equitable K-12 educational outcomes.

Lafayette College, Lafayette Association of Visual Artists **Fall 2025 - present**
Vice President: Plans and executes campus-wide events to promote the visual arts. Designs flyers, creates weekly email blasts, and helps the campus community find art-related resources to promote the club's events and activities.