Cheyenne B. Desmond

Bethlehem, PA │ chd428@lehigh.edu

EDUCATION

Lehigh University   Bethlehem, PA

B.S. in Biostatistics & Health Data Science, College of Health   May 2028 (expected)

Minors: Data Science, P.C. Rossin College of Engineering & Applied Science

Probability & Statistics, College of Arts & Sciences

GPA 3.87/4.00 | 2x Dean's List

Washington High School   Washington, PA

High Honor Roll   June 2024

RELEVANT COURSEWORK

Survey of Calculus I/II | Justice, Equity, and Ethics | Population Health Research Methods & Applications | Supervised Machine Learning | Foundations of Health Data Science Using R

EXPERIENCE

Undergraduate Researcher, Computational Uncertainty Lab   Spring 2025-Present

Analyzed temporal networks to predict disease outbreaks at conferences.

Modeled congregate settings denoting differing connectivity specifics of populations.

Grader, Lehigh University   Fall 2025-Present

Host and oversee weekly review sessions for introductory Python

Provide accurate and timely feedback for ~30 students

Undergraduate Assistant, Lehigh University College of Health   Spring 2025

Created high quality graphics for advertising events addressing mental health.

Made a drive of resources for future advertising purposes.

Learned and implemented professional graphic design techniques.

Summer Intern, Washington Tax Claim Bureau   Summer 2024

Conducted and compiled research on properties and their owners.

Located and documented over a thousand delinquent tax holders.

CAMPUS INVOLVEMENT

Marching 97   August 2024 - Present

    Enhanced school spirit and community engagement by performing at numerous home and away athletic games.

    Contributed to campus tradition and livelihood through performances at various campus events.

Symphonic Band   Spring 2025- Present

    Learned and gained proficiency in an unfamiliar instrument within three months.

    Performed in a concert, fulfilling a key instrumental role for the ensemble and demonstrating dedication.

RARE   August 2024 - Present

    Helped to foster a welcoming academic environment focused on excelling critical thinking skills and learning.

SKILLS AND INTERESTS

Computer Skills

    Fluent in Python, R, and Java, intermediate Javascript, familiar with HTML/CSS

    Proficient in Microsoft Office Suite

Languages

    English, fluent

    German, intermediate listening & reading

Interests

    Public health, music, tennis, graphic design