

Benjamin Stahl

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EDUCATION

Lehigh University, Bethlehem, PA

Bachelor of Science in Computer Science and Business

Minor in Data Science

Relevant Coursework: Data Structures, Discrete Structures & Algorithms, Systems Software, Computer Architecture, Software Engineering, Programming Languages, Physics I

Graduation: Expected Dec 2026

GPA: 3.46

Study Abroad

Study abroad coursework: Computing Ethics and International Office Ethics

Barcelona, Spain

May 2025 - July 2025

WORK EXPERIENCE

Geospatial Data Science Intern

May 2025 – July 2025

EarthPulse AI, Barcelona, Spain

- Built pipelines in Python to align Satellogic HR and Sentinel-1/2 imagery for ML model training
- Machine learning work: generated data triplets and pairs for unsupervised, super-resolution ML
- Integrated satellite data: automated filtering, downloading, and ingestion into the Earth Observation Training Lab

Freelance Software Engineer

January 2021 – June 2023

- Developed Python, Java, and Go scripts for various applications
- Delivered high-quality code that met client project specifications

Summer Camp Counselor

August 2022 – August 2023

Camp Young Judaea, Amherst, NH

- Maintained a safe and fun environment for twelve campers aged 7-10 with three other co-counselors
- Developed teamwork, communication, stress management, and responsibility skills

PROJECT EXPERIENCE

Vice President of Development, Computer Science & Business Association

April 2025 – Present

- Oversees all student development-related initiatives, board members, and committees
- Manages research exposure initiatives, as well as all College-facing interactions
- Leads project manager for CSBA projects
- Presides over all meetings of the Executive Committee

Technical Development Chair, Computer Science & Business Association

April 2024 – April 2025

- Planned and led the **Lehigh Valley Collegiate Hackathon** (October 19–20)
- Hosted nearly 100 students from six regional universities,
- Teams had 24hrs to develop coding projects and present them to judges
- Was responsible for raising \$10K in funds for the event from sponsors and university departments

Professional Chair, Professional Fraternity Sigma Phi Delta

April 2024 – April 2025

- Coordinated professional development events for members, including workshops and guest speakers
- Informed members of professional development and networking opportunities, increasing member engagement

TECHNICAL SKILLS

- Programming Languages: Python, C, C++, Java, GoLang
- Design Languages: HTML, CSS
- Frameworks: Flask, Django, MongoDB, SQL, PyTorch

CAMPUS and COMMUNITY INVOLVEMENT

CSB connect pre-orientation leader - spearheaded planning for first year of 3-day program in 2024, returning for 2025

Lehigh Music Production Club - managed funds and budgeting as **Treasurer**

Member of Lehigh Climbing Club

Member of Lehigh Community Service Office