

# Matthew Leopold

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Sophomore at Boston College Studying Computer Science

## PROFESSIONAL EXPERIENCE

### Bridge2AI, Weill Cornell Medicine, NY

Summer 2024

*Participant in competitively selected NIH-funded internship*

- Built a voice de-identification tool using a KNN model and created synthetic coughs with generative AI
- Worked with HIPAA protected voice data in a clinical setting
- Led hackathon team and presented findings to a panel of judges at national program meeting

### Raritan Yacht Club, Perth Amboy, NJ

Summer 2023

*Sailing Instructor*

- Helped both new and experienced sailors develop their skills and confidence on the water
- Taught students in large classes and kept them safe on the water
- Repaired and maintained boats

## EDUCATION

### Boston College, Computer Science (B. S.)

Graduation: 2027

*Relevant Coursework:*

- Randomness and Computation
- Computer Systems
- Logic and Computation
- Computer Organization
- Differential Equations
- Linear Algebra

## COMPUTER SCIENCE

*Languages:*

- Proficient - Python, C, Java, React framework, CSS, HTML

*Highlighted Projects: (full list at matt-leopold.com)*

- Bridge2AI Voice De-identification model
- Project parking image analysis website
- C memory management emulator

## EXTRACURRICULARS

### Boston College Dramatics Society, Chestnut Hill, MA

2023 – 2024

*Lighting Designer*

- Led the planning, build, and design process for multiple theatrical productions
- Communicated with directors, staff, and other designers to align visions and create designs

### WZBC, Chestnut Hill, MA

2023 – 2024

*Radio Host*

- Host weekly live FM show playing indie rock music
- Mentor new DJs on how to run a show, how to speak on air, and how to choose music

### Raritan Yacht Club, Perth Amboy, NJ

2021 – 2024

*Competitive Sailor*

- Sail in large boat regattas - Melges 24
- Double-handed regattas - c420 and FJ
- Founder and Captain, high school sailing team

## SKILLS

*Teamwork - Communication - Leadership - Adaptability - Attention to detail - Passion*