Jacob Wiberg

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github.com/jdwiberg | jdwiberg.github.io/Programmer-Profile/

EDUCATION

Worcester Polytechnic Institute   Worcester, MA

Bachelor of Science in Computer Science (4.0)   Sep. 2024 - May 2026

Sacred Heart University   Fairfield, CT

Bachelor of Science in Computer Science (4.0)   Sep. 2022 - May 2024

Relevant Coursework

- Artificial Intelligence
- Algorithms
- Foundations of Computer Science
- Systems Programming
- Operating Systems
- Calculus 1-4, Differential Equations
- Linear Algebra
- Probability and Statistics

PROJECTS & EXPERIENCE

HaystackID MQP   Worcester, MA

Student Researcher   Present

- Worked with HaystackID to research strategies for using Machine Learning and AI Models to perform Entity Extraction on large datasets of legal discovery information
- Utilized NLTK and Spacy to perform NER with traditional NLP algorithms
- Utilized Python and PyTorch to implement AI and ML algorithms for NER

BluNew IQP, Venice   Venice, Italy

Student Researcher   Summer 2025

- Worked with SerenDPT Venice to perform market research on the topic of Sustainable Technology Startups
- Interviewed startup founders and CEOs to identify key opportunities and challenges in a market
- Wrote extensive research paper
- Effectively led a team in a professional environment

WPI/SHU Varsity Baseball   Worcester, MA/Fairfield, CT

Collegiate Athlete   2022 - Present

- Demonstrated the ability to perform in high pressure situations individually and as part of a team
- Successfully balanced academic responsibilities alongside athletic commitments

Note – Other personal projects in various domains can be found on my GitHub at github.com/jdwiberg

SKILLS

Programming: Python, PyTorch, SQL, C, C++, Java, Git, Operating Systems, ML, AI Algorithms

Other Professional Skills: Leadership, Public Speaking, Teamwork, Critical Thinking