

Noah Fighter

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EDUCATION

Skidmore College, Saratoga Springs, NY

Bachelor of Science - Major in: Computer Science: Minor in: Mathematics and Economics

Expected Graduation May 2027

GPA: 3.86/4.00

Honors: Skidmore Deans list Fall 2023, 2024 and Spring 2023, 2024

Relevant Coursework: Object-Oriented Programming (Java), Computer Organization, Data Structures, Algorithms, Proofs, Micro & Macro Economics

CIE Barcelona, Business+Culture

Immersive study abroad program combining coursework in economics, Spanish culture, and advanced computer science

*January 2026- April 2026

RELEVANT EXPERIENCE

Skidmore College Computer Science Department

Student Developer

Saratoga Springs, NY

August 2023 - Present

- Built backend-heavy predictive models (Java, Python, C) integrating structured datasets, efficiency metrics, and tunable parameters
- Developed a March Madness decision-tree engine with modular components, data pipelines, and testable scoring logic
- Engineered a C-based player projection system with optimized loops and memory access patterns; validated outputs with custom tests
- Created a Java-based Blackjack simulation implementing OOP architecture, scalable game logic, and state management.
- Collaborated with peers using Git workflows, debugging sessions, and design iteration processes

Software/Data Projects

- NBA Scoring Projection Model (C): Designed a data-processing pipeline consuming sportsbook lines + efficiency metrics; produced validated scoring projections backed by test cases
- NCAA March Madness Predictor (Java): Built a modular engine using decision-tree structures and clean interfaces
- Python Athlete Analytics Scripts: Analyzed multi-season data tables; produced interpretable metrics and visuals

WORK EXPERIENCE

Iverbe Day and Sports Camp

Culver City, CA

June 2022 - August 2025

Head Counselor

- Directed daily camp operations for groups of 20+ children ages 5–12, ensuring safety and engagement
- Designed and implemented weekly activity schedules, increasing camper participation in structured programs by 30%
- Trained and supervised 5+ junior counselors, improving staff performance and consistency of camper experience
- Fostered positive camper-parent relationships through regular updates and issue resolution, contributing to a 95% parent satisfaction rate

Self Employed

Culver City, CA and Saratoga Springs, NY

Child Care Professional

June 2020 - Present

- Supervised up to 3 children ages 5–10, ensuring safety and healthy routines during meals, bedtimes, and recreational time
- Established structured routines that reduced behavioral issues and improved focus during homework and reading time
- Built strong relationships with families through consistent communication and reliable care

Leadership

Skidmore Outdoor Orientation Program(SCOOP)

Lake Pleasant, NY

SCOOP Peer leader

August 2024 - Present

- Selected as a student leader for Skidmore's pre-orientation SCOOP, supporting first-year students in their transition to college
- Coordinated logistics including route planning, gear organization, meal preparation, and safety protocols for extended trips
- Recognized for strong leadership, adaptability, and ability to create positive group culture under challenging conditions

Skidmore Intramural(IM) Sports

Saratoga Springs, NY

IM referee and captain

August 2023-Present

- Resolved on-court disputes and motivated teammates under pressure, strengthening leadership, decision-making, and conflict-management skills
- Directed intramural volleyball and soccer matches as a certified referee, applying rules consistently to promote sportsmanship
- Guided volleyball and soccer teams as captain to strong season finishes, including advancing to championship rounds

Skills, Activities, Languages, and Interests

Skills: Strong organizational and communication skills, Microsoft Word, Excel, Python, C, Assembly Code, SQL, and Java

Activities: FinanceMore, Investment Club, and Skidmore Codes

Languages: Spanish (Intermediate)

Interests: Football, Pickleball, Exercising, Hiking, and Sports Analytics