

# Noah Fighter

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## EDUCATION

**Skidmore College, Saratoga Springs, NY**

**Expected Graduation May 2027**

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

**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**

*\*January 2026- April 2026*

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

## RELEVANT EXPERIENCE

**Skidmore College Computer Science Department**

**Saratoga Springs, NY**

*Student Developer*

*August 2023 - Present*

- Designed and implemented a Java-based algorithm using object-oriented design and decision trees to predict March Madness bracket outcomes
- Built a Python predictive model to analyze athlete performance data, applying data structures, OOP syntax, and model evaluation metrics
- Implemented complex Blackjack gameplay mechanics using object-oriented design principles and efficient deck-shuffling algorithms in Java.
- Built a data-driven projection model in C integrating sportsbook lines, efficiency statistics, and contextual variables to forecast NBA player scoring outcomes with tunable weighting parameters for optimization.
- Gained hands-on experience with the full software development cycle — from data modeling and testing to iterative refinement

## WORK EXPERIENCE

**Iverbe Day and Sports Camp**

**Culver City, CA**

*Head Counselor*

*June 2022 - August 2025*

- 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

**Wise Readers to Leaders (Virtual)**

**Culver City, CA**

*Volunteer Reading Mentor*

*September 2020 - June 2021*

- Tutored second-grade student weekly in reading comprehension and fluency, improving student reading level by a full grade
- Contributed to program's mission of closing literacy gaps in underserved communities

## 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, and Java

**Activities:** FinanceMore, Investment Club, and Skidmore Codes

**Languages:** Spanish (Intermediate)

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