

Jae Young Seo

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EDUCATION

Vassar College

Bachelor of Arts in Computer Science and Mathematics

Poughkeepsie, NY

Aug 2021 – May 2025

- GPA: 3.74/4.00
- Relevant Coursework: Computer Organization, Data Structures/Algorithms, Multivariable Calculus, Linear Algebra

Shaker High School

New York State (NYS) Scientific Diploma

Latham, NY

Sep 2017 – June 2021

- GPA: 97/100, unweighted
- National Honor Society, Judy Berkery Spirit Award (outstanding community service, 2022), Best Sportsmanship Award (Indoor Track, 2021), NYS Scholar-Athlete Award (2018-21), NYS Level 6 percussion soloist (2017-21)

WORK EXPERIENCE

Vassar College Computer Science Department

Computer Science Coach

Poughkeepsie, NY

Aug 2022 – Present

- Assist during formal labs for Computer Science 102 - Data Structures and Algorithms.
- Hold weekly office hours to guide students with writing and debugging class programming projects/assignments.
- Grade student assignments and quizzes for the Computer Science department.

Alumnae/i Association of Vassar College (AAVC)

Transportation Intern

Poughkeepsie, NY

May 2022 – Jun 2022

- Orchestrated transportation (golf carts, shuttle busses, charter buses, etc.) during reunion week.
- Implemented daily squad meetings for 120 volunteer and staff workers to delegate tasks, and enforced safety guidelines and punctuality of transportation services.

Vassar College Athletics Department

Office Assistant

Poughkeepsie, NY

Oct 2021 – May 2022

- Contributed with the organization and promotion of events sponsored by Vassar Athletics that were held to aid student-athletes in and out of the competitive arena by providing both academic and wellness support system.
- Managed, on a weekly basis, the athletics database that consists of 500 student-athletes general information.
- Organized and distributed mail/packages to coaches and training staff of all 27 sports teams.

PROJECTS

Tic-Tac-Toe

2022

- Developed an interactive one or two player Tic-Tac-Toe game from scratch using Java.
- Implemented personal optimization ideas to increase the difficulty of the game when facing a CPU.
- Applied the concepts of object-oriented programming to further learn about the reusability and readability of code.

Blackjack

2022

- Designed the blackjack game using both Java and Python, honing polyglot programming skills.
- Improved the clarity of the code by applying recursive helper functions.

EXTRACURRICULARS

Vassar College's Student Athlete Advisory Committee (SAAC)

Student Representative

Poughkeepsie, NY

Aug 2022 – Present

- Uphold the mission of the Athletics and Physical Education department by serving as a voice for the student athletes and a liaison for the National Collegiate Athletic Association (NCAA) and Vassar College administration.
- Provide representative insight on the student athlete experience to improve and negotiate the rules, regulations, and policies of Vassar Athletics and the NCAA.

Vassar College Men's Track and Field – NCAA Division III

Sprints/Hurdle

Poughkeepsie, NY

Sep 2021 – Present

Vassar College Asian Student Association (ASA)

Member, First Year BigSib Mentor

Poughkeepsie, NY

Sep 2021 – Present

- Attend weekly meetings to engage in conversations about Asian cultures, histories, and contemporary issues.
- Assist with advertising and selling tickets for various annual cultural events, i.e. Night Market and Lunar New Year.
- Mentor an Asian-American and Pacific Islander (AAPI) identifying first year student through ASA's BigSib initiative.

SKILLS AND CERTIFICATIONS

- Programming: Java (proficient), Python (experienced), C (exposure), Ocaml (exposure)
- American Heart Association CPR certification