

YUN LIN WU

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EDUCATION

Columbia University, New York City (GPA: 4.02/4.0 | Major GPA: 4.12/4.0) **Expected: May 2024**

B.A. Computer Science

- Relevant Coursework: Intro to Java, Data Structures, Discrete Math, Intro to Databases, CS Theory, NLP

- Awards: Clayton A. Blaylock Memorial Scholarship; GS Honor Society

Santa Monica College, Santa Monica (GPA: 4.00/4.0) **June 2022**

A.A. General Science, A.A. Liberal Arts – Social & Behavioral Science

PROFESSIONAL EXPERIENCE

Fannie Mae

Washington, D.C.

Software Engineering Intern – eSNAP Dev Squad: Full Stack Development

June 2023 – August 2023

- Develop and deploy FastAPI endpoints and analytics dashboards using AWS suite (CloudWatch, S3, DynamoDB), enhancing system performance and usability.
- Practice Agile methodologies within an enterprise environment, utilizing tools like Swagger, Docker, and JIRA for efficient project management and gain extensive exposure to diverse tech stack, including FastAPI, Jenkins, Urban Code Deploy, HighCharts.js, D3.js, Jinja2, and Bootstrap.

Columbia University Computer Science Dept.

New York, NY

Workshop Assistant – Emerging Scholars Program

January 2023 – May 2023

- Assisted students in the design and implementation of user interfaces using HTML, CSS, and JavaScript
- Demonstrated best practices for implementing algorithms and data structures using languages such as Python, Java, and C++

PROJECTS

Personal Website (ReactJS)

- Constructed and deployed a personal website using ReactJS, demonstrating technical proficiency in web development; the project, hosted on GitHub, also exhibits familiarity with version control and cloud-based hosting solutions.

Discord Weather Bot (Python)

- Developed a Python-based weather bot for Discord, utilizing API calls for real-time NYC weather data, with future plans for server deployment.

Video Poker (Java)

- Developed a video poker game using OOP principles and algorithms, enhancing testing and debugging skills.

LEADERSHIP EXPERIENCE

Application Development Initiative

New York, NY

Project Lead & Mentor

September 2022 - Present

- Led a 4-member software development team, contributing to open-source projects and a videogame, demonstrating project management and technical skills.
- Participated in DevFest Hackathons and mentored two first-year CS students, exhibiting leadership and fostering academic growth.

Columbia Bhagavad Gita Association (Columbia BGA)

New York, NY

Founder and President

January 2023 - Present

- Recruited a 10-member board, drafted the constitution & by-laws, and established a comprehensive website.
- Managed funds and orchestrated weekly mindfulness activities including Bhagavad Gita discussions, yoga, meditation, and retreats.

TECHNICAL SKILLS AND INTERESTS

[*Proficient*] : Python, Java, AWS Suite, Docker, Full Stack Development, Version Control/Git

[*Intermediate*] : API Development, Agile/Scrum, Project Management

[*Beginning*] : SQL, HTML, JavaScript, CSS, ReactJS

Interests: Yogi, Pianist, Surfer, Speedcuber, Poker Player, Juggler, Calisthenics