

ZANE M. NEELIN

Education

Cornell University - College of Arts & Sciences

Anticipated Graduation May 2025

Candidate for Bachelor of Arts in Computer Science, Minors in Business and International Relations

GPA: 4.17

- Honors & Awards: Dean's List
- Course Work: Object-Oriented Programming and Data Structures, Discrete Structures

Harvard-Westlake High-School

Graduated May 2021

- Honors & Awards: National Merit Finalist, HW Stellar Scholar Award, HW Cum Laude Society

GPA: 4.37

Professional Experience

NASA / UCLA Earth, Planetary and Space Science Department

June 2021 – September 2021

Data Analyst Intern

- Analyzed data gathered from the Diviner instrument orbiting the moon using Python and Pandas
- Created a correcting algorithm to fix the offset of the instrument that has since been implemented in the Diviner
- Presented findings at a UCLA Earth, Planetary and Space Science Conference

Lippman-Jungers Law Firm

June 2020 – August 2020

Legal Recruitment Team Intern

- Redesigned the company website to prioritize SEO and ease of use
- Assisted senior lawyers in speaking with and recruiting new lawyers
- Assisted in recruiting clients through cold calls and emails

UCLA Bruin Camp

June 2019 – August 2021

Summer Camp Counselor

- Taught basic programming to campers, helping them create basic games in Scratch
- Attended training sessions including leadership, goal setting, professional communication, youth advocacy, team building, CPR certification, and camper inclusion and diversity training

Projects and Leadership Experience

Dungeon Quest

<https://github.com/neelin1/Dungeon-Quest>

September 2022-October 2022

- Worked with a small team of 3 to construct a video game based on the 1987 game, *Nethack*, using OCaml
- Created an automated test suite to test functions within the game

Game Jams / Hackathons

2021-2022

<https://neelin2.itch.io/out-of-the-pan-and-into-the-fire>

- Developed many smaller scale projects in various hackathons and game jams
- Created several arcade-style video games and on app project prototypes (a Tinder-like matchmaker and a social media platform)

Machine Learning Club Vice President

August 2018 – May 2021

- Oversaw and advised the club during meetings, creating the meeting curriculums
- Taught newer members about computer science principles

Venture Entrepreneurship Club Grant Advisor and E-board Member

August 2018 – May 2021

- Organized an upcycling project in the Dominican Republic
- Organized and awarded grants of up to \$3,000 dollars to promising entrepreneurship projects
- Advised entrepreneurship projects and worked with several student companies

Skills & Interests

- Languages: Java, OCaml, HTML/CSS/JavaScript, Python, C#
- Tools: Git, Unity, Unreal Engine, Command-line Shell, Pandas
- Technical Skills: Microsoft Office (Excel, PowerPoint, Word), Adobe Photoshop
- Interests: Digital Art, Entrepreneurship, Video-Game Design, Rock-Climbing, Skiing, White-Water Rafting/Kayaking