Carolyn Zeng

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Education

University of Illinois at Urbana Champaign
Astronomy Major in the College of Liberal Arts and Sciences, Computer Science Minor, Physics Minor
August 2020 - May 2024 (Undergraduate Senior)

Cumulative GPA: 3.7

Relevant Coursework:

Fall 2020	Intro to Computer Science Introduction to Astrophysics
Spring 2021	Software Design Studio Discrete Structures
Fall 2021	Introduction to Data Structures and Algorithms with C++ The Big Bang, Black Holes, and the End of the Universe
Spring 2022	Relativity & Math Applications Computer Architecture Linear Algebra with Computational Applications
Fall 2022	Computing in Astronomy Probability and Statistics for Computer Science Thermal Physics Quantum Physics
Spring 2023	Planetary Systems Intro Differential Equations Classical Mechanics I
Fall 2023	Galaxies and the Universe System Programming Electromagnetic Fields I
Spring 2024	Astronomical Techniques Introduction to Quantum Information and Computing

Awards

Fall 2021 Dean's List (GPA 3.85, top 20% of class)

Extracurricular Experience

Intro to Astrophysics (ASTR210) Course Grader and Astronomy Department Tutor (2023-current)
- Increasing efficiency in working, particularly in making calculations and grasping key concepts from reading
- Reviewing vital knowledge for astronomy research
- Helping students learn and become familiar with terms and concepts crucial to continued study in astronomy

Intro to Computer Science (CS125) Course Assistant (2021-2022)
- Improving time-management and prioritization
- Learning valuable collaboration and teaching skills
- Helping other students in learning and understanding core Java concepts and completing a major final project app

Field Museum Discovery Squad Volunteer (2022-current)
- Improving public speaking skills presenting specimens and artifacts to museum visitors
- Gauging interest, maintaining positive body language and interactions, and adapting to visitor needs
- Commuting and working independently and on a team of volunteers and staff

Student at IBM Accelerate (Summer 2022)
- Learned about the process and parts of software development from current employees at IBM
- Networked with professionals and other students within the field
- Worked individually and collaboratively on a website including frontend JavaScript and backend server interactions

Skills

Speaking Languages	Coding Languages	
English (Native)	Python	JavaScript
Mandarin Chinese (Fluent)	HTML	Arduino C
German (Intermediate)	CSS	JSON
	Java	C++
		C