Glenn **Wysen**

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WORK EXPERIENCE

Fall 2019	**Undergraduate Developer**

SKYPORTAL · Berkeley, CA 📍

Worked with a fellow undergraduate to develop infrastructure and polish the front-end of the Skyportal website. My work involved developing ways to store images on a database from which they could be loaded onto the website. Additionally, I worked on a new user interface that looked cleaner than the beta version. More information regarding the ongoing project can be found at https://github.com/skyportal/skyportal. I used the skills obtained over this semester to build my own personal website which can be found at glennwysen.me.

Summer 2018 — **Solar Physics Lab Assistant**

AIR FORCE RESEARCH LAB · Albuquerque, NM 📍

Worked in the solar physics department studying the effects of solar irradiance variation on Thermosphere/Ionosphere models. My work involved using the IDL programming language to analyze solar irradiance data from several NASA satellites in order to build an accurate atmospheric model. I also had to compile hundreds of thousands of data points to create visuals that would help convey information

Summer 2017 — **Camp Counselor**

YMCA CAMP ORKILA · Orcas Island, WA 📍

Worked with youth (ages 8-15) at a summer camp to develop their voices by leading open discussions and activities. Had to effectively communicate with up to 50 other staff members on a daily basis. Additionally, I worked for a week driving and maintaining the camp boat which carried kids to and from the island.
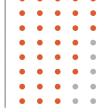
EDUCATION

2021 — **Computer Science and Astrophysics B.A. (In Progress)**

UC BERKELEY · Berkeley, CA 🏛

GPA: 3.5

LANGUAGES

Python	● ● ● ● ●
Java	● ● ● ● ●
C/C++	● ● ● ● ●
Go	● ● ● ● ○
HTML, CSS	● ● ● ● ○
Latex	● ● ● ● ○
Javascript	● ● ● ○ ○
SQL	● ● ● ○ ○

RELEVANT COURSEWORK

CS — *Computer Security, Foundations of Computer Graphics, Introduction to Artificial Intelligence, Designing Information Devices and Systems I and II, Machine Structures, Data Structures, The Structure and Interpretation of Computer Programs.*

Astro — *Planetary Astrophysics, Science and Society, Introduction to Astrophysics I and II, Multivariable Calculus, Discrete Mathematics and Probability Theory, Electromagnetic Waves, Optics, Relativity, Heat Transfer, Mechanics, Wave motion, Quantum Physics*

About me

I was born and raised in Seattle, WA. After graduating from Roosevelt High School I traveled down the coast to begin my undergraduate education at UC Berkeley (Go Bears!). That's where you'll find me now: spending my third year in the Bay taking classes, playing professional Ultimate Frisbee, and hanging out with friends.

personal

Glenn Wysen
Born and raised: Seattle
Currently located in: Berkeley

Areas of specialization

Computer Graphics ● Planetary Astronomy ● Data Structures ● Machine Learning ● Game Design ● Astronomical Data Visualization

Interests

In my free time I love to play Ultimate Frisbee, solve crosswords, and hang out with friends. I started playing Ultimate when I was 8 years old and haven't stopped since. I'm currently playing for the UC Berkeley team UGMO as well as the Bay Area's men's professional team, the San Jose Spiders.

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