

# Sofia Jayaswal

Portland, Oregon | 503-329-4810 | sofiajayaswal@gmail.com  
<https://github.com/sofiapjayaswal> | <https://www.linkedin.com/in/sofiajayaswal/> |  
<https://sofiajayaswal.dev/>



## EDUCATION

### Dartmouth College — Bachelor of Arts

SEPTEMBER 2021 - PRESENT

- Major: Computer Science, GPA: 3.91/4.0
- Awards: Citations for academic excellence in COSC070: Foundations of Applied Computer Science and COSC052: Full-Stack Web Development

## WORK EXPERIENCE

### Geisel School of Medicine, Dartmouth College — *Undergraduate Research Assistant* DART - FLUTTER - FIREBASE - AWS

MAY 2023 - PRESENT

- Improves the user flow and features of a mobile application for a therapy AI chatbot, increasing accessibility.
- Researches and tests large language learning models to refine the chatbot.

### Department of Computer Science, Dartmouth College — *Teaching Assistant* PYTHON

SEPTEMBER 2022 - PRESENT

- Facilitates review sessions to mentor students through coding drills, effectively explaining core concepts and reinforcing their understanding.
- Provides comprehensive instruction on essential problem-solving and debugging skills, equipping students with tools for overcoming programming challenges.

### Harbor Social, San Francisco, CA — *Software Engineering and Design Intern* REACT NATIVE - FIREBASE

JUNE 2022 - AUGUST 2022

- Conceptualized and designed a dynamic social app for a startup participating in the Botha Chan Innovation Internship Program, that empowered users to seamlessly create and register for events while fostering meaningful interactions with other users.
- Streamlined communication within the app by implementing an efficient messaging feature using Firebase, resulting in enhanced user engagement.

## PROJECTS

### PYTHON LEARNING GAME

REACT

- Fun and intuitive game to help beginner Python students learn classes and objects, active at <https://oops-game.onrender.com/>

### TINY SEARCH ENGINE

C

- Created a search engine, comprised of a web crawler, file indexer and query interface in C.

## SKILLS

React / React Native  
NodeJS  
HTML / CSS / Javascript  
Python  
Java  
C  
Git  
Firestore/Firebase  
MongoDB

## COURSE WORK

COSC052: Full-Stack Web Development  
COSC050: Software Design and Implementation  
COSC030: Discrete Mathematics  
COSC070: Foundations of Applied Computer Science

## LANGUAGES

Danish (Native)  
English (Native)  
Spanish (Proficient)

## INTERESTS

Rock Climbing  
Human-Centered Design