

# Shivansh Goyal

925-568-6255 • shivu2210@arizona.edu

<https://github.com/Shivugoyal2210>

---

## Education

University of Arizona

*Aug 2022 - May 2024*

Degree: Bachelor of Science, Computer Science, Minor in Math

Major GPA: **3.6/4**

Scholarships - Global Wildcat Award

## Skills

**Software-** Python, Java, HTML, CSS, JavaScript, Git, Flexbox, SQL, PHP, MongoDB, Express, React, Node.js, C

**Technical-** Data Structures and Algorithms, Full Stack Web development.

**Coursework:** Introduction to Programming I (Python), Introduction to Programming II (Python), Software Development (Java), Discrete Math, Computer Architecture (In Progress), Analysis of Discrete Data Structures.

## Projects

**DevBook** | *JavaScript, MongoDB, Node.js, HTML, CSS*

*December 2022*

- Developed a robust backend using MongoDB and express and integrated JWT for verification.
- Created a functional and aesthetic front-end using React and integrated it with the backend API elegantly.
- Utilized Redux to integrate container components and manage app state.

**Unbeatable Tic Tac Toe Game** | *HTML, CSS, JavaScript*

*March 2022*

- Built a fully functional one person tic tac toe game using html, css and javascript.
- Utilized the minimax algorithm to make the AI unbeatable.

**QuickLink** | *AWS, HTML, JavaScript*

*December 2021*

- Built imgur clone that allows people to upload an image and receive a link to that image
- Used AWS S3 to store images securely using a pre signed url

## Work History

**Computer Science Tutor**

*September 2022 - Present*

- Guiding students through tough and abstract computer science problems using interpersonal skills
- Articulating complex computer science topics in a simple and digestible manner.
- Fostering a friendly and welcoming environment for the students that allowed them to feel safe and understood.

**Assistant Math and Science Tutor**

*May 2018 – June 2020*

- Tutored students in math and science classes in preparation for CBSE board exam for 10th grade.
- Maintained a nurturing and welcoming learning environment that facilitated optimum and independent learning.