

NAJIIB AHMED

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<https://njbcodes.pages.dev/>

Education

Portland State University

Sept 2021 – Current

Bachelor of Computer Science

- **CS GPA:** 3.9

- **Courses:** Data Structures, Computer Systems Programming, Discrete Structures, Object Orientated Programming, Operating Systems

Skills

Languages: C++, C, Python, HTML, CSS, JavaScript, Java, Git

Operating Systems: Windows, Linux

Experience

CS Tutor Jan 2023 – Current

- Provided one-on-one assistance to college undergraduate students to help them improve their understanding and proficiency in computer science. This included explaining difficult concepts, working through problems and assignments, and providing best practices for writing and debugging code. I worked with students on a wide range of topics including programming languages, algorithms & data structures, computer architecture, and object orientated programming.

Projects

E-Portfolio Website -HTML, CSS, JavaScript

- Built a visually appealing E-portfolio website using HTML, CSS, and JavaScript. The site features a responsive design and interactive elements. The landing page includes an introduction, media links, and a contact form that allows users to directly message me through email.

Python Chatbot -Python, OpenAI

- Designed and implemented an AI chatbot named “Marv”, integrating OpenAI GPT-3.5 Turbo model. The chatbot replies with sarcastic and funny responses to the user. I successfully set up the API for model utilization and implemented effective error handling. This project highlights API integration and an object orientated design.

Pong Game -Python

- Implemented the classic Pong game using Python’s pygame library. The program includes game logic for player-controlled paddles, a ball, and collision detection between the ball paddles. Used object orientated programming to define the paddle and ball classes, with methods to move, reset, and draw the objects on the screen.