

NAJIIB AHMED

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Education

Portland State University

Sept 2021 – Current

Bachelor of Computer Science

- **GPA:** 3.79
- **Courses:** Intro to Computer Science, Data Structures, Calculus I, Calculus II, Calculus III, Computer Systems Programming, Discrete Structures I

Skills

Languages: C++, C, Python, HTML, CSS

Operating Systems: Windows, Linux, ADA

Experience

CS Tutor

- As a CS tutor, I provided one-on-one instructions 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 operating systems.

CS163

- Worked with data structures and data abstraction in C++ with designing and implementing efficient ways of storing and organizing data using C++ classes and data types. This included using arrays, linked lists, hash tables, and trees to implement data structures that fit the need of the application.

CS201

- Experienced working with computer systems and understanding the organization of both the hardware and software components of a computer. Included working with operating systems and their role in managing processes, files, and virtual memory. Wrote C programs to illustrate basic systems programming concepts, such as file I/O, system calls, memory management, exception handling, and process management.