LABIB ABRAR BHUIYAN | Software Engineer Intern

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EDUCATION

Rensselaer Polytechnic Institute | Bachelor of Science in Computer Science   Expected Graduation: **May 2024**

PROJECTS

Study Room Tracker   05/2022 - 08/2022

- Created a website using JS, HTML, and CSS with a team of 5 to display study room availability in a library.
- Saved 12000 dollars by implementing an admin system to track and update the status of a study room.
- Added 4 floor maps to help users locate study rooms in the library and show their status.

CPU Scheduling   05/2022 – 08/2022

- Created an operating system simulation in Python with a team of 3.
- Implemented 4 scheduling algorithms to observe their performance on a CPU that runs multiple processors simultaneously.

MIPS Processor   01/2021 – 05/2021

- Utilized logic gates to build a processor in the C programming language with a team of 5.
- Implemented an arithmetic logic unit (ALU), allowing the processor to store 1-bit binary numbers.
- Increased the storage capacity 32 times the previous ALU by implementing a ripple carry adder.

WORK EXPERIENCE

RPI | Computer Operator   Troy, NY | **09/2021 - Present**

- Assisted with handling and maintaining more than 5 printers a day.
- Contacted staff members to report and resolve problems involving printers.

WALI USA INC | Salesman   New York City, NY | **05/2021 - 08/2021**

- Coordinated with 6 co-workers to run and manage a wholesale store.
- Interacted with more than 20 customers per day as a cashier.

COURSES

Software Design & Documentation, Computer Organization, Introduction to Algorithms, Foundations of Computer Science, Operating Systems, Principles of Software, Money & Banking.

SKILLS

Experienced - Python, Java, HTML, CSS, JavaScript, Ubuntu, Junit Testing, LaTeX, C.

Familiar - MySQL, Git, Agile, Scrum, Sublime Text, Eclipse IDE, VS Code.