

Abdul Hannan

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A self-motivated, hardworking Electrical Engineering student, I am looking for an internship where I can explore career opportunities in Engineering. I have demonstrated success in leading teams in challenging situations (food service) while working toward my engineering degree. I look forward to contributing to a company where I can also learn and expand my knowledge of engineering while working in a professional environment.

EDUCATION:

University of New Hampshire, Durham, NH
Bachelor's in electrical engineering

May 2021-Expected Graduation May 2024

Great Bay Community College
Associate degree in engineering

January 2020-May 2021

Sir Syed of University of Engineering and Technology
Bachelor's in electrical engineering

August 2018-May 2019

RELATED COURSEWORK:

- Introduction to VLSI
- Computer Organization
- Electronic Design (I/II)
- Junior laboratory (I/II)
- Signal and system (I/II)
- Electromagnetic Fields & wave

COMPUTER PROGRAMS: MATLAB, Logisim, Multisim, C language, Python, Microsoft (Word, Excel)

RELATED PROJECTS:

Clap circuit:

Designed a circuit to demonstrate how sound energy travels to a receiver. An understanding of sound energy, circuit designing, and performing pre-electrical hands-on work. An individual work that was relevant to the differential equation.

Traffic light:

Developed a bench-top traffic light to reinforce understanding of a delay function and its relationship to a timer when built into a system. A team collaboration project was to understand and present the idea of ICs.

Speaker:

Designing a cascaded LM741 amplifier to provide the interface between an audio signal and an eight-ohm speaker. A low gain voltage was needed. This project was assigned as an individual project to understand the workings of an amplifier and audio signal.

WORK EXPERIENCE:

Interoperability Laboratory

June 2022 – Present

- Soldering and documenting circuit Boards to their specifications.
- Working with industry professionals across multiple areas of technology.
- Reviewing, updating, and working with IOL Test Suites
- Providing in-person support to remote personnel including device setup and configuration
- Performing conformance and interoperability testing on commercially available and prototype products
- Troubleshooting, debugging, and general support during test cycles.
- Writing detailed conformance and interoperability reports

Chipotle, Portsmouth, NH

November 2021-May 2022

- Working in a fast-paced environment with multiple responsibilities.
- Responsible for executing basic kitchen skills (cutting, cooking & preparation of meals) while maintaining a strict quality standard.

Panera Bread, Portsmouth, NH Shift Supervisor (Earned in January 2021)

August 2019-August 2021

- Awarded Employee of the Year (September 2020)
- Responsible for supervising a team of employees.
- Utilized employees' strengths to ensure customers received high-quality products and services from staff.
- Coached and trained new employees (food preparation, cashier responsibilities, etc.)

OTHER:

- **Outreach, Karachi, Pakistan:**

June 2016-July 2019

Provided warm meals, groceries, and necessities for self-care, provided clothing, and advised on health topics for those in need that lived in my community.

- **Known Human Languages:**

English, Urdu, Arabic(read)