RAJIT PALIT ATRI

BSC. IN ELECTRICAL AND ELECTRONICS ENGINEERING

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Phone: +880-1923691891

Present Address: Milly Tower, 30 South Nalapara, Sadarghat, Chattogram, Bangladesh

SKILLS

- Project Management.
- Strong Decision Maker.
- Good Team Player.
- Good in Communication.
- Motivated to Achieve Goals.

TECHNICAL SKILLS

- In-depth knowledge of circuit designs.
- IDE Skills: Multisim, Proteus, MATLAB, Code-Blocks, Arduino IDE, PyCharm, Cadence, Active-HDL, ModelSim.
- Programming Languages: C, C++, Python (Basics), VHDL.
- Specialization: VLSI Design, Digital Circuit Design, FPGA Programming, Hardware Description Languages (VHDL).
- Graphics Design (Adobe Illustrator).
- Office Application Skills: MS Word, MS Excel & MS Power Point.

CERTIFICATIONS

- Dean's List Honors for Academic Result Fall 2020-21.
- Awarded for Final Year Capstone Best Project Poster Competition Fall 2023-24.
- Workshop on "Fundamentals of Arduino" - February 2022
- Workshop on "Writing Research Paper for Journal Publication" - February 2022
- Workshop on "Industrial Automation Project and Career"- October 2022
- Seminar on "Nanotechnology and Fourth Industrial Revolution" - August 2022
- Seminar on "Introduction To VLSI Industry"- September 2022
- GP Academy ID GP62234-"Online Safety" in GP Academy-February 2024
- GP Academy ID GP62234-"Module 1: Research Nutshell" in GP Academy-February 2024
- GP Academy ID GP62234-"Module 2: Research Paper Reading Strategy" in GP Academy-February 2024
- GP Academy ID GP62234-"Module 1: Introduction to WordPress" in GP Academy-February 2024

LANGUAGE SKILLS

- Good in reading, writing & speaking in Bengali and English

REFERENCES

Mr. Abir Ahmed

Assistant Professor, Faculty of Engineering, Special Assistant [EEE]),
American International University-Bangladesh (AIUB)
Email address: abir.ahmed@aiub.edu

DR. MD. RIFAT HAZARI

SENIOR ASSISTANT PROFESSOR , Special Assistant [EEE]
American International University-Bangladesh (AIUB)
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CARRIER OBJECTIVE

To become a significant contributor in an esteemed organization that provides challenging environment and opportunities to work and to tap my potential on to maximum extent. To associate myself with an organization where there is an opportunity to contribute to update my knowledge and strive hard for organizational and personal growth. And to bring out myself as an efficient and successful engineer.

EDUCATION

July 2020-July 2024
BSc. in Electrical and Electronics Engineering
AMERICAN INTERNATIONAL UNIVERSITY- BANGLADESH (AIUB)
Current CGPA- 3.83 (out of 4)

July 2017 – July 2019
Higher Secondary Certificate (H.S.C)
CHATTAGRAM BIGGAN COLLEGE, CHATTAGRAM

January 2015 – June 2017
Secondary School Certificate (S.S.C)
CHATTAGRAM METROPOLITAN POLICE SCHOOL & COLLEGE, CHATTAGRAM

WORK EXPERIENCE

3rd March 2024 - 3rd May 2024

Position: Intern
Company: Zodiac Power Chittagong Ltd. (ZPCL)
Location: Chittagong, Bangladesh

Contributed to the operation and maintenance of key power plant systems, including HFO, lube oil, and water circulation systems. Gained hands-on experience with steam turbines, boilers, and transformers. Assisted in troubleshooting and improving system performance, collaborating with engineers to enhance operational efficiency. Improved single-line diagrams for electrical systems and developed insights into power plant electrical operations and maintenance.

EXTRA CURRICULUM ACTIVITIES

January 2022 – January 2025
SENIOR GRAPHIC DESIGNER
Engineering Students' Association of Bangladesh (ESAB)

As a Graphics Designer for my university club since January 2022, I have played a pivotal role in translating ideas and concepts into visually compelling designs that enhance the overall aesthetic of the club's materials. Alongside my design responsibilities, I organized the 3rd ICREST 2023 and 14th Physics Olympiad 2024 as the main Graphics Designer for these events held at AIUB, demonstrating my ability to combine creative vision with organizational skills to achieve successful outcomes.

RESEARCH EXPERIENCE

1. CONFERENCE PAPER
TITLE: AN 87.25 DB OPEN-LOOP GAIN, 2.09 GHZ UNITY GAIN BANDWIDTH 3-STAGE OPERATIONAL AMPLIFIER USING 45NM TECHNOLOGY
PUBLISHED IN: IEEE CONFERENCE
LINK: HTTPS://IEEEXPLORE.IEEE.ORG/DOCUMENT/10534387
2. THESIS PAPER
TITLE: IMAGE PROCESSING-BASED METER READING SYSTEM CURRENT STATUS: UNDER DEVELOPMENT FOR JOURNAL SUBMISSION.