

SHUVRO SANKAR SEN

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CAREER OBJECTIVE

Recent B.Sc. graduate in Electrical and Electronic Engineering from American International University Bangladesh, eager to leverage academic knowledge in VLSI design and automation. Looking to start a career as a Trainee Engineer in IC Physical Design with a focus on power, performance, and area optimization using state-of-the-art technologies. Proficient in various programming and scripting languages, with a strong foundation in digital electronics and physical design processes.

ACADEMIC CREDENTIALS

B.Sc. in Electrical and Electronic Engineering

- American International University Bangladesh (AIUB) | 2018 - 2024
- GPA: 3.52/4.0

Higher Secondary Certificate (HSC) | Science

- Amrita Lal Dey College | 2017
- GPA: 4.82/5.00

SKILLS

- VLSI Design:** Knowledgeable in Physical Design (PnR) and back-end ASIC/SOC design flow.
- Programming Languages:** Proficient in Perl, Python, TCL/Tk, and Shell scripting.
- Tools:** Experienced with CAD, Cadence Virtuoso, Arduino, Raspberry Pi, and automation software.
- Operating Systems:** Proficient in Linux environments.
- Other Technical Skills:** PCB design, 3D design and printing, MATLAB, Electrical Control Systems.

EXPERIENCE

Intern, DR. ANWARUL ABEDIN INSTITUTION INNOVATION

March 2023 - June 2023

- Performed hardware inspection and maintenance for electronics projects, including 3D PCB box design, printing, and deployment.
- Utilized automation skills in monitoring and testing project deployments.

Technician, LOCUS (co-working and virtual office space)

January 2024 - March 2024

- Developed animations and maintained WordPress websites, showcasing multitasking abilities and technical proficiency.

HOBBIES



Final Project

Design and Implementation of an IoT-Based Fire and Survivor Detection Drone

- Engineered a drone capable of environmental monitoring using various sensors and providing data through a custom app. Utilized Arduino technology for the drone's control logic.

PERSONAL COMPETENCIES

- Creativity, analytical, and problem-solving skills.**
- Ability to work under pressure and meet tight deadlines.**
- Effective communication skills, both oral and written.**
- Team collaboration across different geographical locations.**