

SHUVRO SANKAR SEN

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CAREER OBJECTIVE

Highly motivated recent graduate in Electrical and Electronic Engineering from American International University Bangladesh (AIUB), passionate about leveraging academic knowledge and practical skills in IoT hardware engineering. Eager to join Ampec Technologies and Total Electrical Connection as a Hardware Engineer to contribute to the design and development of cutting-edge IoT systems.

EXPERIENCE

Jr. Embedded System Engineer(Robodoc)

May 2024 - February 2024

Responsibility:

- 'Product design',
- 'Product prototyping',
- 'Hardware testing',
- 'Embedded system engineering',
- 'Technical documentation',

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

January 2024 - March 2024

- Developed animations and WordPress websites design & development, showcasing multitasking abilities and technical proficiency.

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.

AREAS OF EXPERTISE

- PCB Design - EasyEda, Protius
- Microcontroller Programming (STM32, ESP32,Arduino, Raspberry Pi)
- Prototyping and Testing
- Programming Languages: C/C++, Python, Java, JavaScript, Bash, MySQL
- Communication Protocols: (I2C, SPI, TCP/IP, UDP,UART,RF)
- CAD Software: (Solidworks, AutoCAD, Fusion 360)
- Embedded Systems: AVR,ARM, RTOS, Microcontrollers, Firmware Development, Embedded Linux
- Development Tools: Git, Docker, Jenkins, JIRA, Bitbucket, STM32 IDE,Visual Studio, Eclipse, Node-Red
- Frameworks & Libraries: Node.js, React, Vue.js, Flask, TensorFlow (Basic), OpenCV

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

PERSONAL COMPETENCIES

- Strong problem-solving skills with a keen eye for detail.
- Excellent analytical abilities and a quick learner.
- Effective communicator with a collaborative mindset.
- Thrives in fast-paced and dynamic work environments.