

Bassam Abdullah Farasani

Computer Engineer

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PROFESSIONAL EXPERIENCE

ROYAL COMMISSION FOR JUBAIL AND YANBU
COOP Trainee

Yanbu, Saudi Arabia
2023 June - December

INTERTEC SYSTEMS LLC
Associate Consultant

Riyadh, Saudi Arabia
2024 May - Now

EDUCATION

YANBU INDUSTRIAL COLLEGE
Bachelor of Engineering, Major in Computer Engineering;

Yanbu, Saudi Arabia
2018-2023

PERSONAL PROJECTS

DRONE FLIGHT CONTROLLER BOARD

Designed a flight controller PCB board for quad and fixed winged drones that utilizes a **STM32 Microcontroller** that is connected to IC chips, sensors and a SD Card through **SPI & I2C Protocols**.

Skills Acquired

- Working with STM32 Microcontroller
- Using SPI & I2C Protocols
- KiCAD (Schematic, Routing Layout)

PROFESSIONAL CERTIFICATES

MICROSOFT AZURE FUNDAMENTALS (AZ-900)
Microsoft, Certification;

2023

CYBERSECURITY PROGRAM
Yanbu Technical Institute, 100 Training Hours;

Yanbu, Saudi Arabia
2019

TECHNICAL SKILLS

- | | |
|--|-----------|
| • Programing (C, C++, Java) | • Verilog |
| • CAD Softwares (KiCAD, Fusion 360) | • Linux |
| • CNC Machines (3D Printers, PNP Machines) | • LTspice |

LANGUAGES

ARABIC
ENGLISH

Native
IELTS Score: 7