

Jamal Bouajjaj

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Qualifications

- Designed and worked on multiple electronic projects and products.
- Experience with RF and IOT applications, including first-hand experience with BLE.
- Designed circuit boards in KiCad and Altium Designer.
- Programmed libraries and firmware for AVR, STM32, PIC, and MSP430 microcontrollers.
- Programmed Python computer applications.
- Designed enclosures and fixtures in FreeCAD and Solidworks.

Education

University of New Haven | West Haven, CT 8/2018 → 5/2022
Bachelor of Science in Electrical Engineering GPA: 3.88

H.C. Wilcox Technical High School | Meriden, CT 9/2014 → 7/2018
High School Diploma & Electronics Technology Certification

Work Experience

Strain Measurement Devices | Wallingford, CT 4/2019 → Present
Electrical Engineering Intern

- Designed circuits and products for various applications, such as a Bluetooth based application, a non-invasive liquid detector, and a non-invasive flow meter.
- Designed various internal testing fixtures and computer software.
- Assisted production to ensure a smooth operation and customer satisfaction.

University of New Haven | West Haven, CT 10/2018 → 5/2021
Makerspace Staff

- Designed soldering kits for soldering events.
- Hosted the space's events, including soldering events.
- Maintained the equipment at the space.
- Assisted and helped people to use the space/equipment.

Strain Measurement Devices | Wallingford, CT 7/2018 → 4/2019
Electronic Technician

- Tested thin-film strain gauges and other parts to comply with product's specification.
- Troubleshooted broken setups/parts.