

# LIBEN BEDADA

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## Career Objective

Enthusiastic Student eager to contribute to team success through hard work, attention to detail and excellent organizational skills and improve my skills by giving some input to the company.

## Skills

- C++/C
- Qt/MATLAB
- FPGA/Raspberry pi
- Verilog/VHDL
- Python/Rest
- Network application
- Embedded design(rtos)
- Unix/Linux
- Qt/threading/GUI

## Work history

### Content Developer intern

05/20-02/21

Ozmo.inc, Blacksburg, VA

- Develop simulators and emulators for different phone brands and devices.
- Photoshopping different kind of images based on client need.
- Manage and edit code structures.

### Flexible Fulfillment

05/18-05/19

Target, Chantilly, VA

- Worked with customers of different needs and customer service.
- Organizing and placing online orders.

## Education

**Bachelor of Science:** Computer Engineering GPA: 3.35

05/2021

Virginia Polytechnic Institute and State University, Blacksburg, VA

- Undergraduate Researcher in deep learning & biomimetic Robotics

**Associate Degree:** General Engineering GPA: 3.4

05/2019

Northern Virginia Community College, Annandale, VA

- Graduated with Honor
- Dean's List fall 2017-spring 2018

## Accomplishments

- Dean's list fall 2017-spring 2018
- Used Microsoft Excel to develop inventory tracking spreadsheets.
- Developed tutorials for Samsung mobile applications.

## Affiliations

- NSCS and NSBE
- VT hack

## **Additional Information**

- Worked as a lab assistant and helped with designing and printing circuit board.
- Experience designing using FPGA, Launchpad, and Arduino.
- Designed a solar cooker that efficiently changes solar energy into heat energy.
- Designed an application that reads emotion from a picture and gives advice using Microsoft API's.

## **Projects**

- Mobile banking program using Qt.
- Client/server-based programs using MQTT.
- Games, Pacman, Rover and Robotic arm.
- RabbitMQ, MongoDB, and Flask.