JACKSON SENA

(971) 221-3368
Thejsena@gmail.com

EDUCATION

SEPTEMBER 2020 – JUNE 2022

BS IN ELECTRICAL AND COMPUTER ENGINEERING, OREGON STATE UNIVERSTIY

I expect to graduate after Spring term 2022 and am currently taking classes such as:

- Computer Organization & Assembly Language
- Signals & Systems
- Electronics

SEPTEMBER 2018 - JUNE 2020

DEGREE PARTNERSHIP PROGRAM, PORTLAND COMMUNITY COLLEGE

- President's List for excellent academic behavior
- 3.75 GPA

EXPERIENCE

JUNE 2017 – JUNE 2020

TECHNICIAN, BULLWINKLES ENTERTAINMENT (WILSONVILLE, OR)

I was responsible for repairing broken kiosks, points of sale, and arcade games throughout the establishment. This required being able to read circuit manuals and observing hardware to determine what kind of repairs needed to be made as well as repairing circuit boards and wiring harnesses.

PROJECTS

- 5v / 3.3V Power Supply
- Arduino RFID lock
- Hallway Traffic Monitor

TECHNICAL SKILLS

TOOLS

- DMM
- Oscilloscope
- Function Generator
- Soldering Iron

SOFTWARE

- LTspice
- Multisim
- Rhinoceros 3D
- SolidWorks
- Arduino

PROGRAMMING LANGUAGES

- Python
- C/C++
- MATLAB

GENERAL

- Object Oriented Programming
- Data Structures
- Digital Logic Design