

DUSTIN MOON

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EDUCATION

KENNESAW STATE UNIVERSITY

Bachelor of Science - *Computer Science*

Kennesaw, GA

Aug 2019 – May 2023

Capstone Project: Autonomously Grasping Objects Using Robotic Arm

Designed and implemented simulated robotic arm to detect and relocate objects autonomously.

WORK EXPERIENCE

UNITED BUILDING AUTOMATION

Assistant Technician - Internship

Atlanta, GA

Dec 2022 – May 2023

- Optimized customized databases for commercial buildings' HVAC systems based on individual client needs in different business sectors including Healthcare, Information Technology, and Government Infrastructure.
- Leveraged industry expertise and applied comprehensive knowledge to analyze database information, effectively resolving intricate automation issues and reducing clients' energy consumption by up to 20%.
- Identified and diagnosed technology issues across the organization to devise effective solutions to continue daily operations.
- Completed weekly executive reporting to utilize captured business intelligence.

AMERICAN EAGLE OUTFITTERS

Stock Associate

Kennesaw, GA

Sept 2020 – July 2021

- Executed efficient unloading, sorting, and stocking of merchandise in alignment with store layout and optimal product placement.
- Maintained inventory storage with meticulous attention to cleanliness and organization for multiple locations and offsite warehousing.
- Collaborated with team members to achieve sales targets and provide exceptional customer service.
- Coordinated the shipping of store merchandise through mail or shipping services with efficiency and accuracy.

NEWTON COLLEGE AND CAREER ACADEMY

Robotics Coordinator

Covington, GA

Aug 2016 – May 2019

- Head of Vex Robotics chapter, overseeing its activities and guiding fellow members in the exploration of robotics and related technologies.
- Lead programmer for a competitive robot, developing an autonomous mode and client-responsive mode over a span of 3 academic years.
- Performed yearly audits of the code and completed corresponding needed updates depending on competition parameters.
- Managed administrative budget and secured funding for operational needs.

ADDITIONAL

Technical Skills: Advanced in Python, Java, CSS/HTML, C#, Microsoft Office Software; Proficient in JavaScript, SQL, C++, MATLAB; Software Development, Product Development, Programming Documentation, Data Analysis, Software Analysis, Machine Learning