

# Stephen Owusu

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## EDUCATION

**Bachelor of Science, Manufacturing Engineering** January 2020 - December 2022  
Central Connecticut State University, New Britain, CT

**Associate of Science, Manufacturing Engineering** August 2016 - December  
2019  
Manchester Community College, Manchester, CT

## COMPUTER PROGRAMS (Alternative: Certifications)

SAP, Solumina, Siemen NX, Ansys Workbench, Solidworks, Autocad, LT Spice, LabVIEW, RSLogix 500, Visual Studio, Microsoft Office Suite.

## CONFERENCES & PROFESSIONAL DEVELOPMENT (Alternative: Leadership & Extracurricular Activities)

Solar powered electric bike, Central Connecticut State University January 2022 - December 2022  
Loaded die Lab, Central Connecticut State University March 2020  
Bravida group investment proposal, Central Connecticut State University December 2020

## COMMITTEES (Alternative: Clubs & Committees)

American Society of Mechanical Engineering (Treasurer) September 2022 – December 2022

## VOLUNTEERING & EXPERIENCE

### **Quest Global, Windsor, CT**

#### **Collins Section Supply Chain**

Jan 2024 - Present

- Utilized Xclass and EPEC PLM (Team Center) to create PCB quote package

#### **Pratt & Whitney Section**

March 2023 – Jan 2024

#### **Manufacturing Associate engineer**

- Export compliance regulations relating to EAR and ITAR
- Conducted Part Valuation Analysis using NX Siemens
- Design machine process and cost analysis using DFM
- Involve in the creation of companies PFMEA work instructions
- Manufactured sample parts for the TF33 engine in the TF33 support MRA documentation.
- Utilized SAP and Solumina to create a repair, rework and traveler (RRT) documentation

for 2023 MRB and Quality Engineering sustenance project

- Created process flow diagram for RRT documentation
- Creating plans in solumina G7 for MRA Tool Creation Phase 1 project
- Creating of CAM and CAI request for CFB project
- Converting .prt file model to .stp in Siemen NX

**Home Depot, Manchester, CT**

June 2022 – August 2022

**Cashier**

- Process checkout and/ or return transaction
- Monitor the checkout area
- Solve conflicts with the customer by apologizing to the customer who was offended by my attitude towards a product for which he asked for a price

**Central Connecticut State University, New Britain, CT**

October 2021– November 2021

***Volunteering***

***Student worker***

- Distributed game pamphlet and contact cards to guests at football games
- Directed VIPs to appointed parking spots

**Shoprite, East Hartford, CT**

April 2021– August 2021

**Cashier**

- Recognized as the best employee for good customer service
- Solved customers' complaints about poor quality grocery bag ripping issue by lightened packaging