
EDUCATION

CLARKSON UNIVERSITY**Potsdam, NY****Major:** Mechanical and Aerospace Engineering; **Minor:** Manufacturing Engineering **GPA:** 3.1 *June 2026*

- **SAE Mini Baja Team:** 2024/2025 Golden Knights Racing Team Co-Captain & CVT Team Lead 2023/2024 CVT & Gearbox Team Lead – Manufacture transmission and gearbox components for single-seater offroad UTV raced in SAE Mini Baja international competitions.
- **Teaching Assistant:** Lead lab sections of Lathe Operations for basic theory and operation of metal lathe.
- **Part-Time employment in Clarkson Machine Shop:** Assist students, maintain shop, additional projects.

PROFESSIONAL EXPERIENCE

ALLSTATE PAPER BOX**Newark, NJ***Manufacturing Engineering Summer Intern**June 2024 – August 2024*

- Special projects including evaluation of Project Management software to determine the best fit to track production, projects, scheduling, and estimating. Created prototypes of luxury brand packaging.

Selected Achievements:

- Performed Production Time Studies to assist Management in quantifying machine rates and accuracy.
- Assisted in the development of a new inventory control program for tracking raw materials.

ADVANCED OFFICE FURNITURE**Oakland, NJ***Summer Intern / Manufacturing Apprenticeship**June 2023 – August 2023*

- Manufacture, construction, and installation of custom office furniture for residential and commercial use, including use of CNC milling machinery.

DE LEON PLASTICS CORP**Paterson, NJ***Manufacturing Apprentice & Assistant to Procurement Manager, Full Time**July 2021 – July 2022*

- Project Management – Coordinated projects (timing and development) by communicating between management and tooling department in production of prototypes, samples, and final production tooling.
- Quality Control – Insured final production output was up to company and customer quality standards.
- Machine Tooling Shop – Assisted in machine set up and final assembly of production job tooling.
- Orders and Purchasing – Helped purchasing manager in researching estimated pricing on raw materials and supplies. Responsible for interfacing directly with vendors to obtain quotes.

Selected Achievement:

- Helped develop and implement new requisition ordering system, improving time and cost efficiency.

*Summer Intern**July 2020 – August 2020*

- Assisted in full range of daily tasks in the manufacture of vacuum form molds and plastic vac-forms.
- Collaborated closely with management and other employees; gained proficiency in working with Computer-Aided Machining program, set up of CNC mill, and production of vac-form samples.

Selected Achievement:

- Built improved push-stick for use with table saw, creating a safer, more precise version of existing tool.

ACADEMIC SCHOLARSHIPS & AWARDS

CLARKSON UNIVERSITY: Gene Haas Foundation 2023 Student Manufacturing Award & Scholarship; Net Solutions Scholarship 2023; CU Engineering Scholarship; Clarkson Scholarship

ADDITIONAL SKILLS & INTERESTS

Machining Skills: Multi-Axis CNC Milling, CNC Lathe, Manual Milling, Manual Lathe, Welding-all CU-certified

Computer Skills: SolidWorks, MasterCAM, MATLAB, C++, Java, Python, G Suite, MS Office

Professional: SAE International and AIAA member; Forklift Certification

Other: Lean manufacturing, design for manufacturability (DFM), finite element analysis (FEA), design of fixtures and workstations