

KEVIN NGUYEN

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Summary

Motivated and mechanically inclined engineer graduate seeking to join a team of creative thinkers and engineers to design new company products and continuously drive innovation.

EDUCATION

Kennesaw State University, Kennesaw, GA
Bachelor of Science – Mechanical Engineering

Graduated: December 2020

TRAINING AND CERTIFICATIONS

Tooling U – Society of Manufacturing Engineers
Certified Manufacturing Associate and Lean Six Sigma Training

April 2021 - Present

EXPERIENCE

Kennesaw State University, Kennesaw, GA
Motorized Handcart – Project Manager and Design Engineer

January 2020 – December 2020

- Applied engineering principles from Material Science, Dynamics, Statics, and Machine Design to provide a 1000-pound capacity handcart.
- Managed weekly meetings with the team to review and realign project deadlines and requirements.
- Analyzed stress, fatigue, and safety factors of mechanical components using SolidWorks Simulation.
- Applied principles from Design for Manufacturability, Assembly, and Failure Mode and Effects Analysis to yield a practical product.

Agile Sourcing Partners, Corona, CA
Engineering Technician – Independent Contractor

June 2019 – September 2019

- Designed and cataloged 100 utility poles weekly into Pacific, Gas, and Electric's database.
- Proficiently used O-Calculator software and LiDAR scanning in Make-Ready Pole Design.
- Reviewed 3-D pole designs by other team members prior to Quality Control inspections.

OTHER EXPERIENCE

U.S. Marine Corps Reserves, Marietta, GA
Administrative Clerk – Corporal

March 2013 – March 2019

- Conducted accurate review and maintaining classified military personnel documents and records while supporting diverse administrative needs for up to 500 personnel.
- Drafted administrative correspondences, logistical spreadsheets, awards and promotion warrants.
- Trained clerks in ethical workplace practices and military administrative compliance.

PROFESSIONAL SKILLS

- Proficient in MATLAB, LabView, SolidWorks, AutoCAD, Inventor, and Microsoft Office programs.
- Mechanically inclined in problem-solving and cost analysis with high organizational structure.
- Strong sense of time-management, customer service, teamwork, and workplace safety.