Nicholas Schaetz

nickschaetz@yahoo.com
1706 Northwood CT Longview, TX
(903) 720-1931

Education:

University of Texas at Tyler – Tyler, TX
Bachelor of Science in Mechanical Engineering, Minor in Mathematics, 2019

GPA – 3.20/4.00

Kilgore College – Associate of Science, Associate of Arts, 2016

GPA – 3.80/4.00

Academic Project Experience:

- Organized and directed team meetings, led goal setting activities, coordinated assignments to optimize group effectiveness, and maintained communication between project subgroups on multiple team-based projects

- Designed numerous parts and drawings using 3D modeling software to be 3D printed and assembled with fellow engineering student

Software Experience:

- ANSYS
- Autodesk Inventor
- C and C++
- LabVIEW
- MatLab/Simulink
- Mathematica
- Microsoft Office
- Solidworks
- Python
- OpenCV

OBJECTIVE

Obtain a position in an innovative company and use my academic knowledge as a resource to your business, while gaining applied industry experience as a mechanical engineer

EMPLOYMENT HISTORY

Pike Corporation – Longview, TX
March 2020 to Present
Electrical Design Engineer -

- Skilled in identifying specific joint use information through conducting first-hand work for Sparklight, to ensure the most effective fiber network construction
- Experienced in assessing damaged utility poles owned by American Electric Power, to secure accurate data to design a replacement pole
- Perform all work in accordance with AEP distribution standards

Schaetz Enterprises Inc – Longview, TX
May 2017 to March 2020
Technician / Online Sales Associate -

- Performed A/C repairs on vehicles to ensure optimal customer comfort
- Performed mechanical and electronic troubleshooting of various automotive parts. Some parts include actuators, compressors, and fans
- Prepared online listings that increased sales and effectively managed items in AutoPlus database
- EPA Section 609 certified to safely operate with refrigerant

ACADEMIC PROJECTS

- Successfully developed an affordable flow sensor for use in residential vent systems that was extremely accurate with only up to a 4% error
- Designed a PID controller for a single axis solar tracker using MATLAB/Simulink to increase efficiency of acquiring solar energy