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3 570-533-6951 ≥ jakob.werle@temple.edu EDUCATION	github.com/yak5150
Temple University	Philadelphia, Pennsylvania
Bachelor of Science in Mechanical Engineering PROFESSIONAL EXPERIENCE	Expected Graduation – Spring 2024
ANZE Suspension Junior Race Engineer • Assisted lead engineer in spotting & data collection in pit box durin • Debriefed drivers post race to quantify vehicle handling through tur • Reviewed lap data using Stark telemetry software and video footage • Developed suspension adjustments for F1600 & F2000 cars utilizing • Performed string-alignments, shock set-downs, and other setup proc	driving data & debrief feedback
	Sept 2023 – Present sensors using Rapid Harness software nich closely aligns with military specifications of critical electrical componital about using lambs and map to create baseline map for vol. in map LEFI engine controffer system of the system of t
 Suspension Lead Engineer Spearheaded major suspension design overhaul from 13" to 10" whee Wrote python code to optimize vehicle handling by analyzing vehicle Designed suspension linkages and wheel assemblies to achieve precises Fabricated wheel assemblies using Fusion360 CAM & HAAS CNC next 	June 2020 – June 2021 el platform e dynamics and tire behavior e kinematic parameters using SOLIDWORKS
NDI Engineering Mechanical Engineer • Administrated completion of drawing package for department by tra • Provided engineering support to technical manual development team • Prepared GD&T installation drawings for temporary system alterat • Performed tensile and torsional mechanical testing threaded inserts	Thorofare, New Jersey June 2022 – Present cking production and communicating with customer ion of Ohio & Columbia class submarines
 Mishimoto Design Engineering Intern Reverse engineered radiators, boost-control valve, & charge pipes to Validated strength of modular tow-hook using SOLIDWORKS simu Communicated directly with vendors to integrate manufacturing cri 	New Castle, Delaware $May\ 2021$ – $August\ 2021$ improve cooling performance & power lation
TECHNICAL SKILLS • Software: Python, Git, MATLAB, MOTEC EFT calibration, SOLID • Hardware: HAAS CNC machining, TIG welding, metal fabrication,	Oscilloscope, 3D scanning construction"
• United States Government Security Clearance income.	nce between June 2022
Certified SOLIDWORKS Associate (CSWA) - Mechanical Design	May 2020

 $April\ 2022$

 $August\ 2018$

February 2021

- Certified SOLIDWORKS Associate (CSWA) - Simulation

• Level 1 Alpine Certification - Professional Ski Instructors of America (PSIA)

• Eagle Scout - Boy Scounts of America