

ADAM JIROVEC

COMPOSITE ELECTRIC VEHICLE EXPERT

EDUCATION:	ROSE HULMAN INSTITUTE OF TECHNOLOGY – MATERIAL SCIENCE AND EV CONCENTRATION	
SKILLS:	EV POWERTRAIN DESIGN & DEVELOPMENT, ELECTRIC MOTOR & BATTERY SYSTEMS, CAD / FEA COMPOSITES ENGINEERING, AERODYNAMICS, ELECTRONIC MUSIC PRODUCTION, UI AND UX	
EXXPERIENCE:	CYBERGLIDE – ELECTRIC BIKE DISRUPTIVE STARTUP, VENTURESHIP – DEMONSTRATED A NEW E-BIKE DESIGN AND MANUFACTURING METHOD – CUSTOM BATTERY – MARKET RESEARCH	CALIFORNIA SUMMER 2024
	SKYLEADER AERO – UI DESIGN AND COMPOSITE ENGINEERING INTERN	EUROPE SUMMER 2023
	M4 ARCHITECTS – SCALE MODEL DESIGN INTERN	EUROPE SUMMER 2022
PATENTS:	PANELED ELECTRIC BYCICLE FRAME – UTILITY PATENT PENDING	
RESEARCH:	ELECTRIC PROPULSION GROUP – DR. BEN MERTZ – MINIATURE GRIDDED ION THRUSTER MATERIALS AND STRUCTURE TEAM LEADER – PRESENTED AT IEEE 2024	RHIT WINTER 2023
	ADDITIVE WING SECTION – RHIT – DR. MATT RILEY – 3D PRINTED WING SECTION DEVELOPMENT AND DATA ANALYSIS	RHIT WINTER 2022
TALKS:	SUSTAINABILITY OF TUBULAR CELLS IN EV TECHNOLOGY	R.I.S.E. FALL 2024
AWARDS:	HEMINWAY SCHOLAR – TOP OF CLASS ACADEMIC STATUS	RHIT SPRING 2024
	BEST PAPER AIRPLANE – MECHANICAL ENGINEERING DAY	RHIT FALL 2023
PROJECTS:	FALKONSEN I – HIGH-EFFICIENCY POWERTRAIN AND AERODYNAMICS	
	TORQUE VECTOR BOAT – EDUCATIVE PRODUCT AND USER EXPERIENCE	
	RECYCLED FILAMENT – COLLABORATION WITH RETHINK TERRE HAUTE	
PHILANTROPY:	TECH CLUB – CO-FOUNDER – TO EDUCATE UNDERSERVED STUDENTS ON STEM CAREERS AND ACADEMIC PATHWAYS	
	CRAFTCUP – ORGANIZER – SECURED MICROSOFT SPONSORSHIP FOR THE FIRST IN-PERSON MINECRAFT COMPETITION	
	ROSE HULMAN SOCIAL MEADIA CREATOR – CREATED VIRAL CONTENT TO PROMOTE CAREERS IN STEM	
	LOST CREEK ELEMENTARY – CODING INSTRUCTOR – TAUGHT CODING AND SOFTWARE SKILLS TO CHILDREN	
	EV SUSTAINABILITY WORKSHOPS FOR SCHOOLS	
MISSION:	ENHANCE SUSTAINABILITY, EFFICIENCY AND LONGETIVITY IN ELECTRIC VEICLES	
	MAKE THE FUTURE LOOK LIKE THE FUTURE	