

Bryce Schuebert

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EDUCATION

Master of Science in Engineering with Mechanical Emphasis, College of Engineering <i>University of Georgia, Athens, GA</i>	May 2022
Bachelor of Science in Mechanical Engineering, College of Engineering <i>University of Georgia, Athens, GA</i>	May 2020

SKILLS SUMMARY

Technical Skills: RCCA, Tool Design, FOD Awareness, GD&T, MATLAB, CATIA V5, Inventor, Fusion360, SysML, DOE, Additive Manufacturing (FDM, SLS, & DMP), C, SQLite3, Python

EXPERIENCE

Manufacturing Engineer <i>Lockheed Martin Joint Strike Fighter Program, Marietta, GA</i>	August 2022 – Present
<ul style="list-style-type: none">Orchestrated the full tooling lifecycle, including design, development, and implementation, to meet the high-rate production demands of the F-35 Joint Strike Fighter (JSF) programPresided over the Priority Tool Review Board, managing the thorough evaluation of both in-house and outsourced priority tools, while monitoring progress and mitigating constraints to align with organizational objectivesImplemented remedial measures and refined operational methodologies through Root Cause Corrective Action (RCCA), contributing to continuous process improvement and saving over 1000 hours in defect repairUtilized Augmented Reality technology enhancing process verification precision & boosting overall operational efficiencyFostered collaboration with Production, Planning, Quality Engineering, and Industrial Engineering teams to delineate critical assembly sequences, seamlessly integrate changes into production schedules, and substantially reduce costs related to scrap, rework, and repairs across multiple build areas	
Graduate Research Assistant <i>University of Georgia MODE2L Group, Athens, GA</i>	August 2020 – May 2022
<ul style="list-style-type: none">Investigated the implications of event disturbances, such as COVID-19, on mass personalization, exploring this novel, user-centric manufacturing approachEngineered process enhancements and conducted Design of Experiments (DOE) for a multi-million-dollar USDA-sponsored pecan initiative, targeting post-harvest methodologies to increase intact nut throughputIntegrated additive manufacturing processes for research-driven rapid prototyping and material testing applications	
Fabrication Lab Team Leader <i>University of Georgia, Athens, GA</i>	May 2017 – August 2020
<ul style="list-style-type: none">Independently orchestrated the design and creation of the College of Engineering's student fabrication laboratory, integrating advanced machinery such as PCB & CNC mills, water jet, & welding systems to augment hands-on learning experiencesRecruited and directed a team of six student workers, ensuring a well-coordinated and fully operational laboratory environment conducive to educational growthDevised and led comprehensive safety training modules for lab equipment, adeptly instructing over 1000 engineering students in proper utilization and adherence to best practices, reinforcing a culture of safety and responsibility	
Mechanic <i>Coker Equipment, Gainesville, GA</i>	August 2014 – January 2017
<ul style="list-style-type: none">Collaborated with a team of skilled mechanics to identify, repair, and substitute components in a diverse range of machinery, encompassing small engines to heavy equipmentPerformed regular maintenance tasks, including oil exchanges, tire repositioning, fluid replenishments, and bulb replacementsStrategically reorganized inventory for enhanced product accessibility and facilitated the transportation of heavy equipment rentals to clients	

CERTIFICATIONS

Harvard's CS50x	2022
Learn React (Codecademy - Free)	2021
Stop the Bleed	2019
Haas Basic Mill Operator	2019

EXTRACURRICULARS

University of Georgia Mentorship Program	2023 – Present
American Society of Mechanical Engineers	2021 – Present
U.S. Metric Association Social Media Lead	2021 – 2023
Guide Dog Foundation	2016 – 2018