

Jessica Hudak

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EDUCATION

OSU, Columbus, OH

B.S. Mech. Engineering
Magna Cum Laude

Graduated: May 2020
GPA: 3.72

PROFESSIONAL EXPERIENCE

Technical Writer at READY Robotics - Columbus, OH, May 2020 - June 2024

- Increased customer satisfaction by outlining all hardware/software reqs before purchases were made
- Decreased average time spent installing/troubleshooting/updating ForgeOS by redesigning docs
- Updated the user manual, release notes, and compatibility guides for each new ForgeOS version
- Answered questions over phone/email for over 10 customer cases to assist with troubleshooting
- Organized virtual, in-house, and on-site training for new employees, distributors, and customers
- Tested ForgeOS; submitted over 500 bug tickets and 20 feature requests in JIRA

ROBOT EXPERIENCE

-ABB
-DOOSAN
-EPSON
-FANUC
-KAWASAKI
-STAUBLI
-UR
-YASKAWA

Physics and Calculus Tutor at OSU - Columbus, OH, August 2019 - March 2020

- Tutored an average of 5 underclassmen per week in Physics I & II and Calculus I, II, & III
- Suggested new study habits; led to measurable improvement in homework grades and test scores
- Tracked attendance; achieved a 50% retention rate and a 10% referral rate

QA Intern at The Technology House - Streetsboro, OH, May 2019 - August 2019

- Evaluated quality of injection-molded, cast urethane-molded, 3D-printed, and CNC-machined parts
- Prepared inspection documentation; reported anomalies found in control charts
- Operated injection molding machinery to increase the production rate by 50%

SOFTWARE EXPERIENCE

-ForgeOS
-JIRA/Confluence
-GitHub
-VS Code
-CSS/HTML
-Markdown
-Oxygen (DITA)
-Microsoft Excel
-Microsoft Word
-Photoshop
-Illustrator
-SolidWorks
-Arduino
-Matlab
-Linux

VOLUNTEER EXPERIENCE

Dog Walker at Columbus Humane - Hilliard, OH, May 2023 - May 2024

- Administered enrichment activities for an average of 4 dogs every 2 hours
- Monitored each dog's well-being and documented changes in health or behavior

Mentor at Women in Engineering LC - Columbus, OH, Aug 2017 - May 2018

- Welcomed 35 freshmen and offered advice about navigating campus and using OSU's resources
- Organized and engaged in community-building activities

CERTIFICATIONS/TRAINING

- SolidWorks Associate (CSWA) Certification, April 2020
- RIA Robot Safety and Risk Assessment Training, July 2020

