

Catherine Foye

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WORK EXPERIENCE

ProAutomated

Jul. 2020 – Present

Field Service Engineer II

Newark, DE

- Provide national commissioning and start-up services for system integrators including Honeywell-Intelligrated, Dematic, Pyramid Controls, Fives Group, and Ocado group.
- Configure Allen-Bradley and Siemens PLCs, set up network communication, perform electrical I/O checkout, perform system functional tests, rate tests, volume tests, and acceptance tests, and design and program HMIs and system SCADA.
- ProAutomated Site Lead, acting as the supervisor for any internal engineer on job sites
- Employee of the month for February 2020

Republic Airways

Jan. 2020 – Apr. 2020

Component Reliability Engineering Analyst

Indianapolis, IN

- Led work group responsible for analyzing the bleed systems of the entire fleet, investigating root causes for issues with high-cost system components.
- Performed FMEA per criteria, prioritizing problematic components to avoid downtime and interruptions.
- Coordinated with vendors to obtain necessary modifications and upgrades of high-risk components.

EDUCATION

University of Denver

Feb. 2022 – Present

Full Stack Flex Coding Bootcamp

Denver, CO

- 24-week, part-time full stack program

Purdue University

Dec. 2019

BS, Aeronautical Engineering Technology

West Lafayette, IN

- Minor in Airframe and Powerplant Maintenance
- Study Abroad, Aviation Tour of Europe – studied WWII's impact on aviation and transportation development during the spring break of 2018
- Member of the Student Council for the School of Aviation and Transportation Technology

SKILLS & INTERESTS

- **Web Development Skills:** HTML5, CSS3, JavaScript, jQuery, Node.js, Git, Github, Bootstrap, Materialize
- **Projects:**
 - [City Scapes App](#) to aid in researching new cities to visit or move to. Built using HTML, CSS, JavaScript, and utilized Teleport and GeoDB Cities APIs
 - [Coding Quiz App](#) to quiz users on coding knowledge. Built using HTML CSS, JavaScript, and jQuery
 - [Weather Dashboard App](#) to find current weather conditions and the future weather outlook for multiple cities. Built using HTML, CSS, JavaScript, Bootstrap, and Moment.js
- **Controls Skills:** PLC programming, networking, testing, troubleshooting, user interface design, AutoCAD, CATIA
- **Interests:** Running; traveling; comedy shows; breweries; roller skating; Parks & Rec