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| Mary Buzz | Email@gmail.com  (123) 456 7890  LinkedIn |

**PROFESSIONAL EXPERIENCE**

**DMC Inc. –**  Chicago, IL

Systems Engineer II 7/2020 – 2/2022

* Architected, developed, and commissioned custom software for automated quality inspection systems, serving as technical lead for small-medium projects and as key developer on larger projects
* Communicated project status, budget, risk, scope, and timeline information to clients throughout project lifecycle while maintaining positive working relationships
* Translated functional requirements to robust software designs, leveraging object-oriented best practices
* Managed and collaborated with project teams of 2-8 engineers across offices using Agile and Waterfall methods
* Trained new engineers on company tech stack by leading technical training courses, serving as Technical Advisor to 2 employees, and performing code reviews
* *Continued Systems Engineer I responsibilities*

Systems Engineer I 7/2018 – 7/2020

* Self-reliant development team contributor on 3-6 concurrent projects. Owed application sub-components that involved high-speed data acquisition, database integration, machine vision, user experience, and hardware control
* Troubleshot complex software and hardware systems. Proposed and implemented efficient solution paths to reduce system downtime and mitigate risk
* Generated proposals, risk assessments, and cost estimates for new projects, securing >$800,000 in new business
* Executed multi-phase acceptance test plans to ensure system meets client quality, safety, and reliability standards

**General Motors** – Warren, MI

Engineering Intern, Safety Computer-Aided Engineering (CAE) 6/2017 – 8/2017

* Created Javascript plugin tool for CAE preprocessing software to automate model set-up, saving one week of work per model for engineers running crash safety simulations
* Assessed new CAE modeling method accuracy by correlating Primer and Animator simulations with test data

**Navistar –** Lisle, IL

Engineering Intern, Structural Computer-Aided Engineering (CAE) 6/2016 – 8/2016

* Developed efficient and user-friendly fatigue calculators in Visual Basic, used daily by 50+ team members
* Generated HyperMesh and Nastran models in accordance with quality guidelines to predict durability of parts

**EDUCATION**

**Georgia Institute of Technology –** Atlanta, GA (Anticipated) 2023

M.S. in Computer Science (GPA 4.00)

**Princeton University –** Princeton, NJ 6/2018

B.S. in Mechanical and Aerospace Engineering (GPA 3.52)

Certificates (Minors): Applications of Computing, Robotics and Intelligent System

**TECHNICAL SKILLS & CERTIFICATIONS**

**Certified LabVIEW Developer (CLD) |** 2019

Expert in **LabVIEW** (object-oriented language by NI)

Proficient in **Java, Python, MATLAB, TestStand**

Experienced in **SQL, C, Javascript, AWS, R**

**Hardware:** National Instruments, Fluke DAQ, GigE camera

**MANAGEMENT SKILLS**

**Project Mgmt., Cost Estimation, Test Plan Development**

**Technical Training & Content Development**

**Technical Recruiting**

**VOLUNTEER WORK**

**Recovery on Water –** Chicago, IL

*Non-profit promoting recovery and community support for breast cancer survivors through rowing*

Assoc. Board Member | 2019 – Present

Volunteer | 2017 – Present

**ACTIVITIES & INTERESTS**

**Running, Knitting, Quilting, French Language**

**Georgia Institute of Technology Peer Career Advisor**

**Princeton Women’s Varsity Lightweight Rowing**