



# LISA DAHMEN

ENGINEERING PROFESSIONAL

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## CAREER OBJECTIVE

Organized, highly efficient and dependable candidate with previous experience in construction management and passion for BIM. Strong interest in 3D design modeling and creating immersive models utilizing AutoDesk Revit. Skilled to carry out detailing in a 2D environment.

## PROFESSIONAL EXPERIENCE

### Estimator Internship

Hunter Roberts Construction Group, New York, NY

Jun-Aug 2022

- Formed accurate quantity take offs and evaluated project costs based on blueprints and site visits
- Analysed drawing specifications proposals and other project related documents to develop time, cost, and labor rates
- Provided liaison between architects and disciple engineers to clarify the scope of work materials and schedule requirements
- Worked with field and operations staff to implement BIM into the design problems utilizing established standards

### Near-Peer Mentor STEM Internship

Walter Reed Army Institute of Research, MD

Jan-Jun 2022

- Taught disadvantaged students and collaborated with teachers to meet curriculum requirements
- Led and guided group discussions; organized lessons

### Engineering R&D Internship

BlueHalo Labs (Former Intelligent Automation Inc.), Rockville, MD

Jun 2019–Nov 2021

- Gained experience in data collecting for machine learning
- Improved understanding in CAD by digitally designing machine parts
- Constructed physical models, useful in the creation of working robots
- Analyzed multiple different thermic sensors to find the optimal solution for UAV's to accurately detect present radiation and thermic substances

## EDUCATION

**Montgomery College,  
Rockville, MD | Dec 2022**

Associate of Science, General Engineering

## RELEVANT COLLEGE COURSEWORK

- General Physics I (Mechanics), General Physics II, Calculus I, Calculus II, Differential Equations, Multivariable Calculus, Introduction to Programming (C++), Introduction to Engineering Design, Introduction to CAD, MATLAB, Statics, Thermodynamics, Java Computer Programming

## SKILLS

- BlueBeam Revu
- Microsoft Office
- AutoCAD
- MATLAB
- Navisworks
- PTC Creo
- Google Sketchup
- C++
- Java
- SolidWorks