

# MORGAN ADKINS

## OBJECTIVE

A proactive and hard-working individual seeking a position utilizing analytical skills and expertise in communication to achieve business goals while sticking to vision and values

## EDUCATION

### UNIVERSITY OF WISCONSIN-MADISON

B.S. INDUSTRIAL ENGINEERING MAY 2019

GPA (Overall/Major) 3.93 / 4.00

### JUDA HIGH SCHOOL

VALEDICTORIAN MAY 2015

## WORK EXPERIENCE

### UW-Madison Department of Biological Systems Engineering

RESEARCH ASSISTANT Feb 2017 – Present

Performed field work, design, and analysis for several precision agriculture projects. Required time management skills and clear communication to work on many projects at once, often with multiple companies.

- Pix4D, Agleader SMS, MATLAB, Agisoft Photoscan
- Surveying and UAV missions experience

### UW-Madison College of Engineering: Diversity Affairs Office

AMBASSADOR FOR DIVERSITY OUTREACH Sep 2016 – Present

Developed programs and led STEM outreach events designed to reach underrepresented students in engineering. Presented to students about resources at UW-Madison and about diversity in engineering.

- Public speaking and presentation skills
- Communication with variety of stakeholders

### UW-Madison College of Engineering

TEACHING ASSISTANT Aug 2016 – May 2017

Conducted design labs and led students in exploring engineering, learning the design process, and gaining fabrication experience.

- Shop and fabrication supervision
- Facilitation of team-building environment

# INDUSTRIAL ENGINEER

## CONTACT DETAILS

416 Paunack Place, Apt. 2  
Madison, WI 53726  
T: 608.558.7145 | E: madkins2@wisc.edu

## RELATED SKILLS

- Java, MATLAB, Maple, Arena, AMPL, Tableau, and R
- Microsoft Visio and Project
- Lean Six Sigma methodology
- Fabrication experience
- Microsoft Office Suite
- Diversity and bias training

## PROJECT EXPERIENCE

- Hoffman Manufacturing Corp: project management of facility layout redesign
- Electronic Theatre Controls (ETC): consulting for process improvement of manufacturing system to reduce work in process

## RELEVANT COURSEWORK

- Technical communication
- Healthcare systems engineering
- Simulation and probabilistic modeling
- Production planning and facility layout
- Operations research—deterministic modeling
- Continuous process improvement
- Industrial data analytics
- Microeconomics

## VOLUNTEERING AND LEADERSHIP ROLES

- Wisconsin Engineer Magazine: Writer  
Social Media Head, Writing Head
- High Point Church: Youth Volunteer Leader
- Middleton Young Life: Founding Leader

## HONORS AND ACHIEVEMENTS

- LEED and Thermo-Fisher Scholar
- Dean's List
- WEM Best Article Award Winner
- NASA Pathways Intern