

# Davante Adams

adamsd@msoe.edu | (123) 456-7890 | linkedin.com/in/davanteadams

---

## SUMMARY

Sophomore Industrial Engineering student with numerous and diverse hands-on, team-based engineering project experiences. Extensive leadership experience devoting 15 hours per week as Co-Founder of Music Production Club and Member of IISE. Skills in Microsoft Excel, VBA, SOLIDWORKS, AutoCAD, and Python.

## EDUCATION

**B.S. Industrial Engineering** | Milwaukee School of Engineering | GPA: 3.44 | Expected May 20XX

## ENGINEERING PROJECT EXPERIENCE

**SOLIDWORKS Project (Team of 3):** Design a testbench fixture that fits and securely holds 20 electronic locking mechanisms, compatible with two slip tables, and keeps samples stable during vibration testing.

- Researched similar products, specifically electrical and electromechanical components.
- Used decision matrix to choose concept design based on weighted values including simplicity, weight, cost, structural integrity, while meeting minimum specifications, such as sizing and mounting location.
- Calculated initial dimensions on grid paper and used SOLIDWORKS Dim feature to finalize calculations.
- Drafted drawing of fixture by translating sketch concept into SOLIDWORKS as rectangular prism, then added locking mechanism slots, screw holes, and wire cutouts as mirrored array.
- Improved body of fixture by extending wires across fixture, which decreased size, and designing cutouts to secure wires, which increased milling process usability.
- Wrote 14-page technical report and presented final design to professor and classmates.

**Python Project:** Design and program Looter, a 2D computer strategy game of chance.

**AutoCAD Project:** Create a 3D playground with given complex equipment, using limited space, that meets protocols for safety, realism, and design.

## ENTREPRENEURSHIP PROJECT EXPERIENCE

**The Commons**, an entrepreneurship program for Milwaukee-area college students | Oct - Nov 20XX | 4 hrs/wk  
**Project (Multidisciplinary Team of 3):** Create a hypothetical Fintech start-up company that provides loans, scholarships, and grants to immigrants living in the U.S. with limited or zero credit history.

- Researched similar startup companies and conducted market research on U.S. immigrant demographic.
- Created business plan using ideation techniques, story boards, and market research to determine how start-ups would provide loans with lower interest rates, decrease wait times for approval, & market to customers.
- Designed prototype based on research data and logistics, including website and mobile app user experience, required documentation, employment history, spending habits, and credit checks.
- Created and organized slide deck, featuring our own website, and presented virtually to hundreds of participants, mentors, employer partners, and community members.

## TECHNICAL SKILLS

Microsoft Office, Excel | VBA | SOLIDWORKS | AutoCAD | Python | Data Analysis | MATLAB

## LEADERSHIP & CO-CURRICULAR INVOLVEMENT

**Co-Founder** | MSOE Music Production Club (MPC) | February 20XX – Present | 15 hrs/wk

- Determine named, voting regulations, leadership roles, processes & procedures using student survey data.
- Conducted research analysis by speaking with MSOE professors, student leaders, and community experts including local musicians, producers, and entrepreneurs.
- Ensured operation of organization complied with MSOE student organization regulations.

**Member** | Institute of Industrial & Systems Engineers (IISE) | November 20XX – Present

## WORK HISTORY

**Food Runner** | Eddie Merlot's Prime Aged Beef & Seafood, Burr Ridge, IL | June 20XX – Present

**Barista** | Sam's Place Jazz Café, Milwaukee, WI | February 20XX – May 20XX | 25 hrs/wk

**HVAC Apprentice** | Indoor Air Quality, Joliet, IL | September 20XX – January 20XX