

David H. Lonski

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EDUCATION

MILWAUKEE SCHOOL OF ENGINEERING

Milwaukee, WI

Bachelor of Science in Software Engineering

May 2023

Relevant Coursework: Competitive Programming, Data Structures, Software Engineering Tools & Practices, Software Component Design, Database System, Operating Systems, Algorithms, Real-Time Systems, Mobile App Development, Game Development, Software Architecture

Activities: Varsity Soccer team 2017-18, Club Ultimate Frisbee team 2018-23, Rugby Club team 2019-23.

SKILLS

Languages: Spanish (Beginner)

Software: Java, Python, Ruby, Dart, Android Development, Flutter Framework, Visual Design, UI/UX Design, Web App Development, Mobile App Development, Microsoft Office, Google Drive, Adobe Creative Cloud

Skills: Team Leadership, Creative Problem Solving, Effective Communication Skills, Tenacity, Staff Training

LEADERSHIP ACTIVITIES

PetALS | Industry Sponsor: Plexus

Milwaukee, WI

Senior Design Mobile Application Developer

June 2022 – May 2023

- Led the design and construction of the mobile application for an intelligent pet door with an integrated embedded system and pet tracking tags.
- Enhanced application capability to handle multiple microcontrollers and pets, ensuring pet safety and property security.
- Designed and implemented functionality for scheduling and assigning a tag to an RFID scanner through mobile application.
- Secured sponsorship from Plexus for the project, creating collaboration between academia and industry.
- Managed project lifecycle: assessed hardware and software needs, costs, feasibility, and timeline.
- Delivered technical and ethical reports, presenting the project quarterly to the Plexus engineering team.

WORK EXPERIENCE

Milwaukee School of Engineering (MSOE)

Milwaukee, WI

Painting Lead Worker

June 2019 - August 2023

- Lead over 200 painting projects in the Grohmann Tower and throughout MSOE Campus.
- Conducted twice-monthly apartment inspections for areas that required maintenance & improvements.
- Trained new crew members on the rigorous prepping and painting process.

Milwaukee School of Engineering (MSOE)

Milwaukee, WI

Senior Staff – Tower Assistant

April 2018 - August 2023

- Effectively collaborated and communicated with other employees to promote a friendly and productive environment.
- Supervised the front desk for 5-hour blocks at a time in lieu of the building manager.
- Managed package and mail distribution for a \$65 million 320+ resident apartment building.
- Organized conference rooms according to specific design plans for large-scale meetings.