

# HE

# HARRISON ERNST

DEPUTY ENGINEERING PROJECT MANAGER AT LOCKHEED MARTIN  
WWW.ERNST.SITE

## SKILLS

- Control Account Management
- Program Performance Management
- Project Management
- Public Speaking

### Languages:

- English and German

### Computer/Electrical:

- CMOS & Transistor Design
- Wiring (incl. Harnesses)
- Circuit & Logic Design
- Battery System Design
- Microsoft Office Suite (Including Visio & Project)
- Matlab, Arduino, CCS
- PSpice, Virtuoso, LabVIEW
- Python, C/C++, Linux
- Solidworks
- SysML

## PROJECTS

- Three House Synchronized Lights to Music Display
- Multi-use Solar Generator and Battery Backup System Design and Fabrication
- 4-bit Binary Divider Design
- Senior Design Project: The Automated Baby Bidet
- See **Engineering Portfolio** for many more

## LEADERSHIP & ACCOMPLISHMENTS

- The Coaches Award (Presented to student-athletes who made a significant contribution to the team's well-being in terms of attitude, improvement or special leadership) 2022
- Dean's List & Patriot League Academic Honor Roll 2021
- Joseph C. Gabuzda Memorial Award (Awarded by the Lehigh University ECE Department for showing outstanding promise, both intellectually and in leadership qualities) 2021
- Participant in leadership training classes and workshops under Lehigh Athletics Department 2020 - 2022
- Lehigh Varsity Track and Field Athlete 2018 - 2022



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[www.ernst.site](http://www.ernst.site)  
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