

HE

HARRISON ERNST

ELECTRICAL ENGINEERING & GERMAN
210 MEADBROOK ROAD • GARDEN CITY, NY 11530

SKILLS

Languages:

- English and German

Computer/Electrical:

- Matlab
- Arduino
- Light-O-Rama Showtime
- Household Wiring
- Soldering
- Small Circuit Design
- Battery System Design
- PSpice

SOLO PROJECTS

- Three House
Synchronized Lights to
Music Display
- Multi-use Solar
Generator and Battery
Backup System Design
and Fabrication
- See **Engineering
Portfolio** for many more

EDUCATION

LEHIGH UNIVERSITY • BETHLEHEM, PA • 2018 - 2022

B.S. Electrical Engineering

B.A. German

PFORZHEIM UNIVERSITY • PFORZHEIM, GERMANY • 2019

Six Week, Nine Credit Exchange Program

Courses: Production and Supply Chain Management, Engineering in
Manufacturing, Advanced German Language and Culture

THE GERMAN AMERICAN SCHOOL • NEW YORK, NY • 2006 - 2017

Graduated in 2016, continued to complete optional AP in 2017

Study of the German Language, Economy, Culture, and Geography

EXPERIENCE

HANDYMAN • SELF EMPLOYED • 2014 - PRESENT

General repairs and projects ranging from fixing and upgrading
computers to installing new circuits and electrical fixtures

WAITER/BUSSER • PROST GRILL & GARTEN • 2019 - PRESENT

Full time over the summer of 2019, part time after the school year began

LEADERSHIP & ACCOMPLISHMENTS

- Participant in leadership training classes and workshops under Lehigh Athletics Department 2020 - Present
- Lehigh Varsity Track and Field Athlete 2018 - Present
- National Honor Society, National Latin Honor Society, and National German Honor Society 2017 - 2018
- Received best Teammate Award during senior year of High School 2018
- Team Captain of High School Varsity Cross Country, Bowling, and Track and Field 2016 - 2018
- Lived with a host family and shadowed a student for a month in Passau, Germany 2017



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www.ernst.site
(Engineering Portfolio)



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