

Grace Gundrum

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Education

Lehigh University

Major - Computer Science and Engineering (GPA 3.67) / Bethlehem, PA / May 2021 - May 2023

- Technical courses taken: Linear Methods, Programming and Data Structures, Software Engineering, Foundations of Discrete Structures and Algorithms, Computer Organization Architecture, Programming Languages, Web Design, Probability and Statistics, Foundations of Robotics, Programming in Linux and Windows, Intro to Data Science, Operation System Design, Computer Graphics, Design and Analysis of Algorithms, Web Systems Programming, Database Systems Algorithms and Applications

Northampton Community College

Major - General Studies (GPA 3.92) / Bethlehem, PA / 2017 - 2021

- Earned 63 credits that all transferred to Lehigh University

Professional Experience

IDEAL Semiconductor

Tester / Bethlehem, PA / 2020 - Present

- Test discs of microchips using MPI TS3000 Automated Probe System
- Operate scanning electron microscope (SEM) to analyze microchip samples for points of interest
- Upgraded VBA program to read desired current curves from Tektronix 370A curve tracer into excel graph
- Handle and document wafer organization

Power BI Dashboard Project

Contractor / Bethlehem, PA / Jan 2019 - Jan 2020

- Created visuals to represent supply chain analytics project
- Designed user interface aesthetic allowing for stronger comprehension of data

Leadership Experience

Lehigh University

Teaching Assistant for ENGR010 / Bethlehem, PA / Jan 2022 - May 2022

- Graded 100+ python programming assignments
- Utilized past knowledge of course to tutor 40+ students during 4 office hours a week

Parkland High School

Volunteer Wrestling Coach / Allentown, PA / Aug 2020 - May 2021

- Study directly under Parkland head wrestling coach to train 40-50 wrestlers
- Drill with wrestlers and taught techniques
- Prep gym for home wrestling meets
- Cultivated ability to communicate and train peers

Finishers MMA

Assistant Instructor / Bethlehem, PA / Jan 2010 - Jan 2021

- Assist both children and adult jiu jitsu classes ranging anywhere from 10 - 50 students
- Close down building by cleaning mats, vacuuming lobby, and locking building at the end of the night
- Demonstrate techniques and guide students through the skills growing proficiency in collaboration and teaching

Skills

Technical

- Microsoft Office, Illustrator, Photoshop, HTML/CSS, JavaScript, MATLAB, R, React, Figma, Python, SQL, Java, JDBC, Ajax, jQuery, C++, VBA, Power BI, Cinema 4D, Flutter, Git, PLSQL, WebGL

Activities

Jiu Jitsu

2006 - Present

- Youngest American female to receive jiu jitsu black belt
- Compete professionally across the US and internationally

Wrestling

2017 - Present

- PA State Freestyle team member in 2018
- Placed third at 16U National Championship in 2018