EDUCATION:

Macalester College | St. Paul, MN | Double major in Computer Science and German

Expected Graduation Date: May 2025

- Cumulative GPA: 3.70 (UW)
- Relevant Coursework: Comp 123, Math 135, Stat 155
- Community Service: The Sanneh Foundation in St. Paul, MN
- Work-study: 8 hours/week working in campus facilities.

Charlotte Latin | Charlotte, NC | High School

August 2019 - June 2021

- Cumulative GPA: 3.72 (UW)
- Relevant Coursework: AP Calc AB, AP Physics, AP Environmental Science, Engineering 1,
 Senior Engineering

IMG Academy | Sarasota, FL | High School

August 2017 - June 2019

• Cumulative GPA: 3.97 (UW)

TECHNICAL SKILLS:

Python (Limited Working Proficiency) | Autodesk-Fusion 360 (Professional working Proficiency) | R studio (Limited Working Proficiency) | Tecnomatix Plant Simulation (Limited Working Proficiency) | MATLAB (Elementary Proficiency) | Java (Elementary Proficiency) | Creo | LabView | 3D Printing | Laser Cutting

WORK EXPERIENCE:

Honeywell | Charlotte, NC | Mechanical Engineering Intern

June 2021 - August 2021

- Completed Six Sigma Green Belt training to increase project management knowledge and project efficiency.
- Built test fixtures for XUPERMASK in Creo and LabView.
- Ran and recorded complete testing on XUPERMASK for Honeywell internal data.
- Modeled Honeywell Glove Factory Line 6 Facility with Tecnomatix Plant Simulation.
- Used DEO to identify input/output relationships for ThermoRebellion.

Paco's Tacos and Tequila | Charlotte, NC | Server, Host, and Busser.

July 2019 - May 2020

PROJECTS:

XUPERMASK

June 2021 - August 2021

- Smart Mask with HEPA filter system, noise-canceling earbuds, and day-glow LED lights.
- Lead role to design and run durability tests on XUPERMASK.

Rolls Royce Star Lights

February 2021 - April 2021

• Car star ceiling, using fiber optics and handmade LEDs inserted inside of a car headliner.

Languages:

English (Native) | German (Proficient) | Spanish (Proficient)

Awards / Community Service:

National Honors Society

August 2017 - June 2021

• Maintained a constant GPA for Club Membership and volunteered at many local events hosted by the club.

Boys and Girls Club

August 2017 - June 2019

• Spent time with local youth organizations after school.

Sports Special Olympics

August 2017 - June 2019

• Play sports with people with disabilities.

Athletics:

Macalester Men's Soccer | St. Paul, MN

August 2021 - Present

Charlotte Latin Soccer | Charlotte, NC

August 2019 - June 2021

- 1st team all-region.
- MVP player of the year
- Team Captain

IMG Academy | Sarasota, FL

August 2017 - June 2019