

# Nael Fessha

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## PERSONAL SUMMARY

Resourceful Georgia Tech Electrical Engineering student seeking to contribute a strong foundation in digital system design to an innovative hardware team. Eager to solve complex problems and create efficient solutions using FPGAs, logic circuits, and C++/Python programming in an internship starting May 2026.

## EDUCATION

### Georgia Institute of Technology, Atlanta, GA

Bachelor of Science in Electrical Engineering | GPA: — | Expected Graduation: May 2028

### Georgia State University, Atlanta, GA

Transferred with 55 credit hours | GPA: 3.74 | Aug 2024 – May 2025

## SKILLS

- **Programming:** Python, C/C++, Java, JavaScript, MATLAB (beginner)
- **Hardware/Tools:** FPGA design, logic circuits, oscilloscopes, multimeters
- **Software:** HDL (intro), MATLAB, GitHub, MS Office
- **Professional Organizations:** National Society of Black Engineers (NSBE), Black Latino and Indigenous (BLI), IEEE
- **Communication:** Technical reports, instruction manuals, presentations (large and small audiences)
- **Languages:** English (fluent), Amharic (conversational), Spanish (beginner)

## EXPERIENCE

### Parking Attendant | Georgia State University Housing

Aug 2024 – May 2025

- Managed safe and efficient traffic flow for over 700 student vehicles during the 2024-2025 school year, resolving parking challenges and minimizing congestion.
- Streamlined the student concern resolution process as part of a five-person team, reducing average response time by 25% and increasing student satisfaction.
- Addressed inquiries from over 50 students daily, providing accurate information about parking and transportation, while maintaining a professional and helpful environment.

### Delivery Assistant | Local Flower Shop

Sep 2022 – May 2024

- Executed up to 20 floral deliveries daily across the Metro area, achieving a 90% on-time and accurate delivery rate.
- Assisted with order preparation and shop organization, improving efficiency during peak holidays.
- Devised and implemented a new shop organization system to manage increased holiday demand. This system supported a 15% increase in order volume during Valentine's Day and reduced preparation time by 5 minutes per order.

### Front-End Worker | Chick-fil-A

Apr 2022- Aug 2022

- Resolved customer concerns and order discrepancies with professionalism, contributing to the team's goal of maintaining a 93% customer satisfaction rating.
- Trained and mentored 5 new team members on front-end procedures and customer service standards, resulting in their successful integration into the team.
- Coordinated the flow of 80+ vehicles per hour in the drive-thru, reducing average customer wait times by 10 seconds.

## Leadership

### Lead Volunteer | Caleb Foundation-Save Life with Pennies, Atlanta, GA | Aug 2018 – Present

- Contributed to a program serving 60 children by assisting with meal preparation to support daily operations.
- Secured \$22,640 through volunteering at UGA Sports Events in donations as part of a fundraising initiative that enrolled 700 children in school.

### Saturday School Teacher| My Local Church | 2023 – Present

- Instructed and mentored a group of 25 middle and high school students in weekly math and science, developing 3 unique lesson plans that resulted in a 15% average improvement in student test scores.

### Study Group Leader | Calculus II | Fall 2024

- Founded and led a weekly study group for Calculus II, boosting the average exam score for 8 peers from 82% to 89%