

Lauren Kibalo

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EDUCATION

Stevens Institute of Technology | Hoboken, NJ

Bachelor of Engineering - Software Engineering, Computer Science Minor

Expected May 2025

GPA: 3.93 | **Awards:** Dean's List, Edwin A. Stevens, Martha Bayard Stevens Scholarship

Coursework: Engineering Design II, Engineering Design I, Individual Software Engineering, Introduction to Programming and Logarithmic Thinking

SKILLS

Software: SolidWorks 2021, Arduino, MS Office: Word, PowerPoint, Excel, Google Drive

Programming: Python, C++, JavaScript, Java

Lab: 3D Printing, Laser Cutting, Soldering

LEADERSHIP EXPERIENCE / ACTIVITIES

Software Engineering Club President September 2021 - Present

- Teach software applications through project-based curriculum (including activities with python, Java, Figma, GitHub), offer students new applications to coursework, organize club meetings

Women's Club Volleyball President September 2021 - Present

- Coach practices, create rosters, organize tournaments with other university teams, host fundraiser events

Peer Leader Engineering Representative August 2022 - Present

- Mentor first year students to connect with Stevens, assist in the academic transition to university

Sigma Delta Tau Sorority Philanthropy Chair, Family Programming Chair January 2022 - Present

- Plan and attend events relating to philanthropy and respective organizations

Society of Women Engineers K-12 Development Coordinator September 2021 - Present

- Head of outreach programs highlighting young women, serve as role model and engineering representative

Launchpad Student January 2022 - Present

- Exclusive organization invite-only through software competition, gain entrepreneurship and software skills

Tour Guide Student Employee September 2022 - Present

- Communicate with prospective students and family members, knowledgeable of school resources

Advisory Board of School of Systems & Enterprises Student Representative September 2022 - Present

- Represent students by meeting with the dean and faculty, discuss study programs and organize coursework, offer ideas for improvement, voice student concerns

ACADEMIC PROJECTS

Engineering Design II - Autonomous Robot January 2022 - May 2022

- Designed and 3D printed a chassis using SolidWorks to attach all robot components
- Programmed a device using C++ to detect location and calculate direction to the destination, as well as avoid obstacles within the path, in collaboration with peers

Engineering Design I - Weather Monitoring System August 2021 - December 2021

- Developed an enclosure using SolidWorks that protected all pieces of the device, including an Arduino microcontroller, without prohibiting the accurate measurement of data
- Programmed a device with the ability to measure surrounding temperature, humidity, and light, which automatically uploads this data to a local MQTT server for further analysis

WORK EXPERIENCE

Wawa Customer Service Associate June 2019 - August 2022

- Worked 30-40 hours per week seasonally; assist customers as a cashier, drink attendant, and food service

Vector Marketing Sales Employee June 2020 - September 2021

- Sold Cutco merchandise (kitchen cutlery), career sales \$3, 845.96 total