

Motivated and sociable college student with a passion for technology and entrepreneurship, actively pursuing internships to apply and expand skills. Experienced in Python, Java, HTML, CSS, and JavaScript, with proficiency in social media and Microsoft Excel. **Personal website:** <https://amanda-lei.github.io/MyWebsite>

EDUCATION**Rutgers-New Brunswick, Class of 2026****Major GPA: 3.5/4.0**

- Computer Science, B.S. Human Resource Management, B.A.
- Minors in Mathematics and Data Science

Relevant Coursework: Differential Equations, Math Reasoning, Intro to CS, Data Structures

Current Coursework: Computer Architecture, Math Theory of Probability, Linear Optimization, Intro to HRM

PROFESSIONAL EXPERIENCE**Learning Assistant for Introduction to Computer Science (Rutgers-NB)****Jul 2023 - Present**

- Sole instructor in recitation sessions, guiding students' learning and teaching technical concepts to students with varying levels of programming experience
- Teach a range of topics including algorithmic thinking, searching and sorting algorithms, recursion, and implementation in Java
- Study and implement pedagogical methods to foster proactive learning environment
- Develop comprehensive yet adaptable lesson plans and materials. Communicate effectively with faculty and fellow LAs to coordinate teaching curriculum

Robotics Competitor**2013 - 2022**

- VEX IQ (Grades 4-8): Lead programmer, VRC (Grades 10, 12): Mechanic, VAI (Grade 11): Mechanic
- Designed and built original mechanisms. Programmed in Python and C++
- Authored an award-winning engineering notebook detailing thought processes and designs
- Competed in various VEX Robotics competitions at varying levels (regional - state - global) and earned numerous awards and achievements
- News Links: [Dominate Local Robotics Tournament](#), [Celebrate World-Beating Robotics Team](#), [Four Awards from World's Largest Robotics Competition](#), [Exit 5 Robotics Wins Judges Award at VAIC World Championship](#), [Liberty Science Center's 'Women in Engineering Day'](#)

Chief Marketing Officer (Techshare Project: techshareproject.org)**Sep 2018 - 2022**

- Organized volunteer events and opportunities (12 events in 3 different countries)
- Regularly produced social media content following our growth and events
- Landed partnerships with organizations such as Peace Corps, The Batey Foundation, Boys and Girls Clubs, Girl Scouts
- Raised money for school supplies and robotics kits, all donated to kids during our events

Co-Founder/Entrepreneur (AJL Clothing)**Jun 2020 - 2022**

- Crafted original, sustainable, and size-inclusive product designs out of thrifted clothing
 - Acted as financial management, product designer and producer, model, photographer, social media manager
 - Grew 38k followers across selling platforms (Instagram, Depop, Poshmark, TikTok)
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ADDITIONAL EXPERIENCE

- Team Captain of High School Women's Varsity Fencing (Nov 2018 - 2022)
- Newspaper Editor of *Wavelength*: high school digital STEM journal (Sep 2019 - 2022)
- Mathematics and Programming Tutor (2020 - 2022)
- Teaching Assistant for the Chinese American Youth Association (2018 - 2022)
- Model in NJFW and NYFW (2021-2022)