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Amanda Lei

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

Chief Marketing Officer (Techshare Project: student-run nonprofit)   **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)

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'

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)