SCARLETT PATTON

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EDUCATION

Washington University in St. Louis; St. Louis, Missouri   Expected May 2026
Bachelor of Science in Computer Science
- Relevant Coursework: Data Structures and Algorithms, Introduction to Computer Engineering, Calculus II, Calculus III, Logic and Discrete Math, Statistics for Data Science, Rapid Prototype Development and Creative Programming, Object-Oriented Software Development Laboratory
- Activities: Engineering Council, Asian American Association, Women in Computer Science, Run Club
- Honors: Danforth Scholars Program, Dean's List (FL22, SP23)

SKILLS

Skills: Communication, Teamwork, Sales & Marketing, Public Speaking, Leadership, Problem Solving, Time Management, Microsoft Office, Google Suite, Project Management, Git, Windows, MacOS

Languages: Java, Python, HTML, CSS, JavaScript, SQL, Swift iOS, C++, AWS, PHP, R, React Native

Awards: A+ Certification (2021), National Center for Women & Information Technology Aspirations in Computing Regional Winner (2020, 2021, 2022), St. Louis County Outstanding Leader Award (2022), FIRST Robotics Dean's List Semi-Finalist (2021), Kode with Klossy Scholarship (2017, 2018, 2019, 2021)

EXPERIENCE

Engineering Council Executive Member
Washington University in St. Louis, St. Louis, Missouri   April 2023 - Present
- Worked on an executive team to create an orientation schedule for incoming freshmen in McKelvey Engineering School as Orientation Co-Chair
- Collaborated with Deans, Assistant Deans, and Engineering Undergraduate Student Services to organize events
- Led a team of 6+ volunteers during orientation week in mid-August
- Created reports to be sent to the Dean's of McKelvey about academics and events as Academic Affairs Co-Chair
- Organize a barbeque for students to meet Dean Bobick, order food and drink, reserve space, advertise event
- Organize department forums and Deans forums both semesters

Teaching Assistant
Washington University in St. Louis, St. Louis, Missouri   January 2023 - Present
- Assisted computer science professors in CSE 131 (Computer Science) and CSE 132 (Computer Engineering)
- Trained and taught students in curriculum, tutored students individually who were struggling, held office hours
- Assessed student progress with course material using fair and equitable grading policies

Instructor Assistant
Kode with Klossy, Washington, D.C., Dallas, Texas   March 2022 - Present
- Taught data science curriculum to 30 scholars in 2 weeks
- Collaborated with 4 instructional team members to create daily presentations and schedules
- Presented a Culture of Tech session about data biases and ethics
- Utilized SQL, Python, Tableau, and Google Data Studio to visualize data sets
- Reviewed daily feedback from scholars and made adjustments to camp environment and culture
- Coordinated lunch delivery and communicated with internal team to organize correct quantities

Small Business Owner
Scarlett & Co., Etsy   March 2020 - Present
- Awarded Etsy Star Seller for exemplary performance in shipping, response rate, and reviews for 6+ months
- Make hand-embroidered custom sweatshirts, rings, earrings, and other accessories, grown to international sales
- Donated 20% of profit to nonprofit organizations (e.g.: St. Jude Hospital, Stop Asian Hate)
- Curated a presence on Instagram and learned how to advertise through social media
- 2021 Revenue: $4,773