# 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, MissouriApril 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, MissouriJanuary 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, TexasMarch 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