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, Systems Software, Rapid Prototype Development and Creative Programming, Object-Oriented Software Development Laboratory, Introduction to Computer Engineering, Logic and Discrete Math, Statistics for Data Science, Matrix Algebra
- Activities: Engineering Council, China Care (youth mentoring program for chinese adoptees), Run Club, Rock Climbing Club
- Honors: Danforth Scholars Program (1 of 14 selected out of 8,000 applicants to receive scholarship based on leadership in service and intellectual and creative acuity), Dean's List

SKILLS

Programming Languages: Java, C++, Next.js, React, JavaScript, SQL, Python, HTML, CSS, Swift iOS, PHP, R

Skills: Microsoft Office, Google Suite, AWS EC2, MongoDB, Linux, Git, GitHub, Project Management, Windows, MacOS

Awards: A+ Certification (2021), National Center for Women & Information Technology Aspirations in Computing Regional Winner (2020-22), St. Louis County Outstanding Leader Award (2022), FIRST Robotics Dean's List Semi-Finalist (2021), Kode with Klossy Camp Scholarship (2017-2021)

EXPERIENCE

Teaching Assistant
Washington University in St. Louis, St. Louis, Missouri   January 2023 - Present
- Assisted computer science professors in Introduction to Computer Science and Introduction to Computer Engineering
- Trained and taught 40+ students students annually, tutored students individually who were struggling, held weekly office hours for 100+ students
- 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 young women and non-binary 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

Engineering Council Executive Member
Washington University in St. Louis, St. Louis, Missouri   April 2023 - Present
- Orientation Co-Chair who led development and implementation of orientation program for incoming freshmen in McKelvey School of Engineering
- Collaborated with Deans, Assistant Deans, and Engineering Undergraduate Student Services to organize events for entire undergraduate student body
- Led a team of 6+ volunteers during orientation week in mid-August

Small Business Owner
*Scarlett&Co., Etsy (*etsy.com/shop/ScarlettpAndCo*)*   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
- Gross revenues $3k+ / year since 2021