# 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++, C, Next.js, React, JavaScript, SQL, Python, HTML, CSS, Swift iOS, PHP, R

**Skills:** Linux, Android Dev, Microsoft Office, Google Suite, AWS EC2, MongoDB, 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, MissouriJanuary 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, TexasMarch 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, MissouriApril 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](https://www.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