

# SOPHIE SCHOCHET

s.a.schochet@wustl.edu • (469) 600-5909 • www.linkedin.com/in/sophieschochet

## EDUCATION

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**WASHINGTON UNIVERSITY, OLIN BUSINESS SCHOOL AND MCKELVEY ENGINEERING SCHOOL** *May 2025*

*Bachelor of Science in Business and Computer Science, Focus in Strategy and Leadership*

*St. Louis, MO*

Joint Program in Business Administration and Computer Science, Minor in Human-Computer Interaction

- Dean's List Spring 2022, Fall 2022, Spring 2023
- GPA: 3.74

Relevant Coursework: Object-Oriented Software Development Laboratory, Introduction to Data Science, Data Structures and Algorithms, Introduction to Human-Centered Design, Logic and Discrete Math, Calculus III

Skills: Java, Python, Aha!, Domo, C++, Tableau, SQL, Public Speaking, Problem-Solving, Time Management

Awards and Honors: National Merit finalist, College Board National Hispanic Recognition Scholar

## WORK EXPERIENCE

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### Mastercard

*May 2023 – Aug 2023*

*Program Management Intern- Technology Strategy & Execution*

*New York City, NY*

- Won North America regionals out of 70 teams and placed 2nd at global finals in Mastercard's Global Intern Innovation Challenge, where interns devise creative solutions embodying DEI and ESG goals
- Diagnosed hierarchical issues within company road mapping and developed a strategy for streamlining the hierarchical shift of over 1000 epics as well as the environment in which the strategy was tested

### Washington University in St. Louis Olin Business School

*Jan 2023 – Present*

*Undergraduate Teaching Assistant - Managerial Statistics II*

*St. Louis, MO*

- Partner with professor in teaching and grading topics including linear regression models, multicollinearity, heteroscedasticity, and logistic models for over 250 students
- Oversee groups through semester-long term papers with feedback on deliverables and data analysis

### Waldo Photos

*May 2022 – Aug 2022*

*Operations Intern*

*Remote*

- Designed a set of procedures for temporary customer solutions via GraphQL before bugs were resolved on the back-end, ensuring no disruption in customer experience
- Ensured proper AI photo-matching and a user-friendly interface among over 300,000 customers

## PROJECT WORK

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### CSE217- Introduction to Data Science, Group project

*May 2023*

- Created predictive modeling of housing prices in a Python Jupyter Notebook utilizing:
  - A pipeline to impute missing values and encode categorical variables
  - The results of K-Nearest neighbors Regression, Decision Tree Regression, and Random Forest Regression to find the most accurate model

### CSE256- Introduction to Human-Centered Design, Group project

*May 2023*

- Created a user-friendly website for the Washington University Nursery School in Html, CSS, and Javascript according to information foraging theory and user scanning patterns

### CSE332- Object-Oriented Software Development Laboratory, Group project

*Dec 2022*

- Created a simulation file system in C++ and a user interface that behaves as a command prompt in which users can input 6 standard commands, 2 MacroCommands, and create password-protected files

## LEADERSHIP EXPERIENCE AND EXTRACURRICULARS

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### Olin Business Council

*August 2022 – Present*

*Vice President of Programming*

- Plan and execute all career-related events including but not limited to career treks, case competitions, networking events, meet and greets, and career weeks

### Alpha Kappa Psi Professional Fraternity

*April 2022 – Present*

*Member*

- Underwent semester-long professional development training including case competitions, networking events, and 60 interviews; will provide the same support to subsequent classes