

Harshita Singh

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EDUCATION

University of Washington

B.S. Informatics (Data Science) | GPA: 3.84

Graduation: June 2027

Seattle, WA

TECHNICAL SKILLS

Programming & Data Analysis: Python (Pandas, NumPy, scikit-learn, Regex), SQL (Postgres, MySQL, Snowflake), JavaScript (React, HTML/CSS, Flask), Java, Git

Data Visualization: Tableau, Power BI, Excel (Pivot Tables, VBA), Matplotlib, Seaborn, Google Data Studio

Mathematics & Statistics: Linear Algebra, Probability, Hypothesis Testing, Forecasting, Statistical Modeling

Analytics & Methods: Machine Learning, Predictive Modeling, Data Cleaning, ETL, EDA, KPI Tracking, A/B Testing, Business Intelligence, Data-Driven Decision-Making, Data Modeling, Product Analytics, User Behavior Analysis

Tools & Project Management: Microsoft Office Suite, Airtable, Trello, Google Data Studio, Vercel, Figma, Adobe, Keynote

WORK EXPERIENCE

Peace Works

Software Development & Data Analytics Intern

Tokyo, Japan

Jun 2026 – Aug 2026

- Automated **Google Drive** file management by writing scripts to detect duplicates and restructure folder organization, cutting weekly file management time by **50%** for leadership.
- Conducted **QA testing** and **UI development** for **2 client websites**, identifying and documenting **15+ bugs** and UI inconsistencies in written reports that improved site functionality and user experience.
- Collaborated with the development team on **full-stack features** for client websites, contributing to both frontend UI updates and backend functionality across **2 client projects**.
- Ran **A/B tests** and built **ROI forecasts** on website traffic and engagement data using **Google Analytics, Excel, and Tableau**, applying findings to iterate on go-to-market strategies and drive a **20% increase** in average session duration across client sites.

Good Work Hub

Data Consultant

Remote

Nov 2024 – Jan 2025

- Cleaned and standardized donation datasets for **50+ micro-charities**, ensuring consistency across reporting.
- Created a donation efficiency score with weighted **KPIs**, enabling **20+ organizations** to benchmark performance.
- Built an **Excel model** integrating multiple data sources to identify donation patterns, growth drivers, and underperforming segments, delivering insights that informed fundraising and program strategies.

Young & Co

Outreach Analytics Intern

Remote

Jul 2024 – Sep 2024

- Analyzed social and email campaigns, identifying content that drove a **30% increase** in engagement and a **15% boost** in followers.
- Analyzed customer behavior and market performance data (**GA4, SQL, Snowflake**) and visualized insights through interactive **Tableau** dashboards to inform product positioning and optimization strategies, increasing conversion rates by **15%**.

PROJECTS

BiteConnect — Food Waste Reduction Web App

React, HTML, CSS, JS, Firebase

- Designed a responsive web app connecting surplus restaurant food to low-income Seattle neighborhoods, integrating **real-time surplus tracking** and pickup scheduling.
- Piloted with **10+ restaurants** to reduce estimated food waste by **15%**; conducted user research to refine features like pickup time filters and one-tap reservations.

Wildfire Risk Prediction Model

Python, scikit-learn, Power BI

- Built **ML classification models** (logistic regression, decision tree) achieving **85% accuracy** in predicting wildfire risk.
- Automated the **EDA workflow** and feature validation using **bootstrap testing (95% CI)** for more robust model evaluation.
- Translated complex risk model outputs into stakeholder-ready visualizations in **Power BI**, enabling non-technical audiences to understand risk patterns and support data-informed decision-making.

LEADERSHIP EXPERIENCE & ACTIVITIES

Vice President — Indian Student Association

Oct 2023 – Present

- Organized large-scale events for **750+ students** and built cross-org partnerships with **10+ groups**, boosting event attendance by **45%**.

Media Director — Girls Who Code @ UW

Feb 2024 – Present

- Led marketing and storytelling campaigns that increased chapter engagement by **40%** and secured **3+ new corporate sponsors**.