STEPHANIE SU

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🎓 Education

B.A. Computer Science, *University of California, Berkeley*   May 2024
- **Coursework:** CS61A Functional Programming (A+), CS61B Data Structures, DATA8 Foundations of Data Science
- **Involvements:** Regents' & Chancellor's Scholar (Top 1% of Class), Voyager Consulting (Projects: Apple, TikTok, Intel)
- **Skills:** Python (NumPy, pandas, Plotly Dash), Java, PHP (Hack), HTML/CSS, React, SQL

💼 Experience

Software Engineer Intern, *Meta (Facebook)*   May 2022 – Aug 2022 | Seattle, WA
- Built web tool with PHP and React to identify 50 possible reasons why a given Facebook video is demonetized, automating a 25-step manual process, reducing investigation time and cross-team communication from several days to 1 minute
- Scoped and implemented 2 project milestones by searching the FB ads codebase and wiki, completing project 1 week early
- Designed and created Facebook Reels ad load controller to enable the gradual rollout of Reels monetization features
- Optimized 3 APIs called 10K times per second by removing deadcode, consolidating duplicate code, and simplifying logic

Software Engineer & Product Manager Consultant, *Intel*   Feb 2022 – May 2022 | Berkeley, CA
- Built Python dashboard to scrape, visualize, and analyze data from 250 quarterly reports, reducing manual work by 15x
- Forecasted and regressed 4 competitors' sales to identify top predictors of growth w/ Prophet, sklearn, Alpha Vantage API
- Enhanced client experience by shipping 5 features to streamline UX, designing the UI, writing 20-page user documentation
- Streamlined team collaboration by creating product backlog and requirements doc to prioritize features and find blockers

Product Management Intern, *Launchparty (Fintech startup)* 🔗   Jan 2022 – May 2022 | San Francisco, CA
- Created 20 pandas functions to analyze 600-row user dataset and enable PMs to rapidly visualize any user segment
- Increased sample size of user data by 700% and created 6 data-driven personas by designing a customer research survey
- Synthesized survey analysis and 75 UX interviews in 120 pg report, designed 22 product features to solve user pain points

Data Consultant, *Apple*   Sep 2021 – Dec 2021 | Berkeley, CA
- Analyzed 906 survey responses with pandas to create 5 data-driven personas and find 15 trends in consumer needs
- Benchmarked 22 repair services to analyze competitive landscape and identify a lack of accessible repairs in rural areas

Product Intern, *Fiveable (Edtech startup)* 🔗   Jun 2021 – Oct 2021 | Remote
- Designed 4 iterations of a scholarship search tool w/ Whimsical to expand product line by analyzing gaps in 11 competitors
- Collaborated with Head of Product to analyze 100 user testimonials, conduct 5 user interviews, and revise landing page

🏠 Leadership

Public Speaker & Content Creator   Mar 2020 – present
- Delivered 56 talks to 1000 attendees on coding, leadership, career development at Stanford, UC Berkeley, NCWIT, etc.
- Expanded LinkedIn presence to 31K followers, 8 million views and 5 paid sponsorships within 2 years of content creation

Lead Director, *Superposition (Women in STEM org)*   Jul 2018 – present
- Spearheaded expansion to 131 chapters in 25 countries, 21 US states in 2 yrs by designing chapter program from scratch
- Organized Bay Area's largest all-women hackathon 4 times for 1K hackers in 47 countries at Uber HQ, VSCO HQ & online

💼 Projects

Enigma (Java)   2021
- Developed a digital representation of WWII German Enigma cipher machine in **Java**, enabling encryption and decryption
- Used object-oriented design, string manipulation, and file I/O to replicate mechanical elements of original machine