

Davina Zamanzadeh

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EDUCATION

- ▲ COMPUTER SCIENCE PhD (IP) at **University of California, Los Angeles** | SEPT. 2018 - JUNE 2023
 - ▼ • GPA: **4.0**, Research in eHealth and ML with Dr. Majid Sarrafzadeh.
ml nlp web information management probabilistic graphical models
- ▲ COMPUTER SCIENCE BSc at **University of California, Santa Barbara** | SEPT. 2014 - JUNE 2018
 - ▼ • GPA: **3.93/4.0, Ranked #1** in graduating class.
 - College of Engineering Honors Program, with Distinction in Major.

WORK EXPERIENCE

- PHD, MACHINE LEARNING INTERN at **Pinterest Labs**, Remote JUNE 2020 - SEPT. 2020
 - Query Recommendations:** Built a gradient boosted decision tree to improve query recommendations to improve user engagement and experience.
 - 156k increase in daily searches (3.09%), and sustained lift in product usage past week 1 of the experiment. Ran A/B testing experiments to measure product impact.
 - Worked on the end-to-end machine learning pipeline (collect training data, assign labels, create features, train, evaluate, and deploy), and built workflow for grid search / hyperparameter tuning.
python java scala hadoop sql
- SOFTWARE ENGINEER INTERN at **Pinterest**, San Francisco, CA JUNE 2017 - SEPT. 2017
 - **New Annotations Pipeline:** Worked on a Machine Learning and Natural Language Processing-focused team. Built and optimized core components for Annotations (a powerful textual learning signal used across Pinterest), such as: underlying dictionary of terms and their canonical forms.
python java scala scalding spark
 - **Dictionary/Internationalization:** Improved Annotations quality by analyzing and sanitizing the existing dictionary. Ensured that the distribution of Japanese scripts across the dictionary matched that of the Japanese users' queries, descriptions, etc.
python java
- SOFTWARE ENGINEER INTERN at **Impact Radius**, Santa Barbara, CA OCT. 2015 - SEPT. 2016
 - **Internationalization and Localization:** Organized and simplified the i18n and l10n workflow by designing and building internal tooling, such as managing translation integration and delta creation.
java ractive.js apache velocity spring
 - **Metrics:** Created a more powerful monitoring system by integrating a third party metrics library into code base and exposing more data to the external monitoring systems.
java jmx

ACTIVITIES AND AWARDS

- **Graduate Dean's Scholar Award** 2018 & 2019 Departmental award given to highly recruited students who are deemed to enhance UCLA's competitiveness.
- **Grace Hopper Celebration Scholarship** OCTOBER 2017 Awarded one of a limited number of scholarships from the Computer Science department at UCSB to attend the Grace Hopper Celebration of Women in Computing.
- **KPCB Fellow and Decision Committee** SUMMER 2017 As one of 80 Fellows out of thousands of applicants, I gained invaluable insight through networking events with technical leaders in Silicon Valley. Additionally served on the Decision Committee, reviewing applications of potential 2018 Fellows.
- **Phi Sigma Rho Chapter Founder** SPRING 2016 - SPRING 2018 Established the chapter of Phi Sigma Rho, a nationally recognized sorority focused on women in STEM, at UCSB as part of the founding class. In charge of designs, and involved in planning events, writing bylaws, recruiting, and mentorship.