Davina Zamanzadeh

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EDUCATION

▲ ▼ COMPUTER SCIENCE MSc (S21), PhD (IP) at **University of California, Los Angeles**   SEPT. 2018 - JUNE 2023
• GPA: **4.0**, Research in eHealth and machine learning with Drs. M. Sarrafzadeh (eHealth Research Lab) and A. Bui (Medical & Imaging Informatics Group).

`ml` `nlp` `web information management` `automated reasoning`

▲ ▼ 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.