

# Davina ZAMANZADEH

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## EDUCATION

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Expected Graduation BSc - COMPUTER SCIENCE

JUNE 2018 **University of California, Santa Barbara**

GPA: **3.96/4.0**

College of Engineering Honors Program

Relevant coursework: Artificial Intelligence/Machine Learning,  
Networking (IP), Security (IP), Computer Vision (IP)

## RESEARCH

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January 2017 - **Programming Languages Lab**, UCSB

- Present
- Working under Prof. Ben Hardekopf to find an effective comparison metric, based on linear algebra, to compare test sets/fuzzers.
  - Currently writing a paper with Prof. Hardekopf and PhD student Miroslav Gavrilov based on this research to be submitted to the Object-Oriented Programming, Systems, Languages, and Applications (OOP-SLA) 2018 conference

## WORK EXPERIENCE

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JUNE 2017 - Software Engineer Intern at **Pinterest**, *San Francisco, CA*

SEPTEMBER 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.

- Used: 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.

- Used: python, java

OCTOBER 2015 - Software Engineer Intern at **Impact Radius**, *Santa Barbara, CA*

SEPTEMBER 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.

- Used: 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.

	<ul style="list-style-type: none"> <li>• Used: java, jmx</li> </ul>
MAY 2015 - OCTOBER 2015	Software Engineer Intern at <b>GLENWorld</b> , <i>Santa Barbara, CA</i> <b>XPrize Global Learning Competition:</b> Developed new features and mini-games for an experimental application to teach English interactively. <ul style="list-style-type: none"> <li>• Used: angularjs</li> </ul>
SUMMER 2013 AND 2014	Software Engineer Intern at <b>Datapop</b> , <i>Los Angeles, CA</i> <b>Taxonomy:</b> Resolved conflicts across taxonomies by building an internal search tool and report. <ul style="list-style-type: none"> <li>• Used: python</li> </ul> <b>Team Analysis:</b> Optimized daily operations and team productivity by centralizing performance reports for on-demand and end-of-day analysis, as well as building internal tooling for Jira. <ul style="list-style-type: none"> <li>• Used: python, java</li> </ul>

## PROJECTS

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- 2016 **Gauchosell:** Designed and built a mobile Android app with 5 other students to improve the process of buying and selling items within college communities.
- 2011 **Pop Out:** Implemented a game similar to Four in a Row in C++. Players can also pop their own token out from the bottom in order to get four in a row.

## ACTIVITIES AND AWARDS

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- OCTOBER 2017 **Grace Hopper Celebration Scholarship:** 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.
- SUMMER 2017 **KPCB Fellow and Decision Committee:** As one of 80 Fellows out of thousands of applicants, I gained invaluable insight through networking events and speaking with technical leaders in Silicon Valley. Additionally served on the Decision Committee for reviewing the applications of the potential group of 2018 Fellows.
- Spring 2016 -  
Present **Phi Sigma Rho Chapter Founder/Director of Design:** 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.
- Fall 2014 -  
Present **SB Hacks Organizer:** Planning/running a large-scale hackathon at UCSB every year: involved in logistics (venue, food, etc), design, and getting sponsors.
- Summer 2013 **Thomas Edison Award:** Hackathon team won first place out of 15 teams for most creative and useful project for the company.
- 2012 – 2014 **Programming Club President and Founder:** Taught C++ to club members.