

# Sarah Jung

Software Developer

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github: sarahbear1926



## EDUCATION

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- **University of California, San Diego** La Jolla, CA  
*Bachelor of Science in Mathematics-Computer Science* *Sept. 2018 – July 2020*
- **Laney College** Oakland, CA  
*Associates in Mathematics* *Aug. 2016 – May 2018*

## PROJECTS

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-  **GaryIsWin** La Jolla, CA  
*Team Role: Software Architect/Deputy* *April 2020 - June 2020*
  - Led a team of 10 developers to build a full-stack mobile multiplayer puzzle game based on BabaIsYou
  - Aided in formulation of the project scope: users can play against each other in real time through a P2P network and are able to create an account; find, add, and remove friends; or play with a random user
  - Developed critical game features including board design and game logic and improved overall gameplay
  - Produced screen sequence designs and generated graphics for the main screen layout
  - Technical Skills: React Native, Node.js, MongoDB, AWS
-  **Ribbit** La Jolla, CA  
*SD Hacks 2019, Awarded 3rd Place Overall + Best Beginner Hack* *Oct 2019*
  - Created full-stack web application that organizes learning by letting students filter practice problems by topic or difficulty
  - Integrated Amazon Web Services Textract API into the back-end to parse problems and solutions from user-generated JPEGs and PDFs
  - Designed and implemented the screen layouts and navigational flow
  - Technical Skills: CSS, HTML, Javascript, jQuery, AWS, MongoDB, Node.js

## WORK + LEADERSHIP

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- **Dutton Hardware** San Leandro, CA  
*Assistant Manager* *Oct 2011 - Present*
  - Supported family-owned business starting in 2011 and transitioned into a managerial role in 2015.
  - Gained extensive customer service experience in understanding and developing customer specific solutions
  - Directed store projects including overhauling store inventory and implementing a computer system
  - Managed weekly ordering and made purchasing decisions for new items
- **Laney College** Oakland, CA  
*Staff Assistant* *Jun 2018 - Sept 2018*
  - Digitized files, performed general office work, revamped the student complaint form process
- **Student Council Senator** Oakland, CA  
*Associated Students of Laney College* *Aug. 2017 - May 2018*
  - Served on the District Facilities Committee as the student representative
  - Organized a partnership with the Alameda County Food Bank
  - Served as Chair of the ASLC Supplies Committee & ASLC Scholarship Committee

## PROGRAMMING SKILLS

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- **Languages:** Java, C++, HTML, Javascript, CSS, Python      **Technologies:** AWS, MongoDB, React Native