

# Becky Chao

SOFTWARE ENGINEER GRADUATING DECEMBER 2019

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## EDUCATION

### OREGON STATE UNIVERSITY, B.S. in Computer Science

SEPTEMBER 2017 - DECEMBER 2019 (EXPECTED) | GPA: 3.69

### UNIVERSITY OF CALIFORNIA, BERKELEY, B.A. in Rhetoric

AUGUST 2009 - DECEMBER 2013 | GPA: 3.73

## PROJECTS

### BIN PACKING SOLVER — DEMO: <https://repl.it/@byco/Bin-Packing-Solver>

This Python program uses three greedy approximation algorithms to solve the classic bin packing problem.

### SOCK SEARCH GAME — DEMO: <https://repl.it/@byco/Sock-Search-Game>

Text-based C++ game designed using object-oriented programming concepts. Find missing socks hidden in randomly-assigned locations.

### HIKING DATABASE

A database for hikers, tracking hike, park, and trail entries with CRUD functions, built using MariaDB, node.JS, SQL, JavaScript, HTML/CSS.

## WORK EXPERIENCE

### ALAMEDA COUNTY COMMUNITY FOOD BANK, GRANT ASSOCIATE

OAKLAND, CA | SEPTEMBER 2015 - DECEMBER 2017

A social service nonprofit serving 116,000 clients annually with food assistance, nutrition education, and CalFresh application support.

- Raised \$360,000 and submitting 75+ proposals/reports annually
- Supported team in raising \$4.5 million

### READING PARTNERS, DEVELOPMENT COORDINATOR

MILPITAS, CA | JULY 2014 - JULY 2015

Education nonprofit that has trained volunteers to tutor 11,000 K-5 students reading below grade level across the country.

- Raised \$145,000 and supported department in raising \$1.4 million
- Managed regional communications, marketing materials

## ABOUT ME

I like to create things that help people. A soon-to-be Computer Science graduate, I bring a unique technical, writing, and design skill set informed by nonprofit experience.

## SKILLS

C++

C

Python

JavaScript

HTML/CSS

SQL

Node.JS

Linux

Git

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Content Writing

Grant Writing

Event Planning

Database Management

Microsoft Office

Digital Marketing