

# 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>

Put items into bins and minimize the number of bins. This Python program uses three greedy approximation algorithms to solve the bin packing problem.

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

Text-based C++ game designed using object-oriented programming concepts. The player must find their missing socks, hidden in randomly-assigned locations.

### HIKING DATABASE

A database for hikers, enabling them to track hiker, hike, park, trail, and camping entries with CRUD functions, built using MariaDB, node.JS, SQL, JavaScript, HTML/CSS.

## WORK EXPERIENCE

### ALAMEDA COUNTY COMMUNITY FOOD BANK, Oakland, CA — GRANT ASSOCIATE

SEPTEMBER 2015 - DECEMBER 2017

The Food Bank is 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

## 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

vi

Content Writing

Grant Writing

Event Planning

Database Management

Microsoft Office

Digital Marketing