

# Debora Choi

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## EDUCATION

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**University of California, Santa Cruz**

*B.S. Computer Science — Major GPA: 3.5*

Santa Cruz, CA

*Sep 2021 - Current*

**Relevant Coursework:** Intro to Python, Computer Systems and Assembly Language, C Programming, Data Structures and Algorithms, Discrete Math, Computer Architecture, Computational Models, Foundations of Programming Languages, Principles of Computer Systems Design

## TECHNICAL SKILLS

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**Programming Languages/Technologies:** C/C++, Java, JavaScript, Python, HTML5/CSS, SCSS, TypeScript, Node.js, React, jQuery, RESTFUL API, Google Authenticator, Tkinter, AWS, Haskell, Gnuplot

**Software Tools/Operating Systems :** Git/Github, Unix/Linux, Latex, Microsoft Excel, Windows, macOS, iOS, Agile, Docker, Postman, Ubuntu

## EXPERIENCE

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**Mission Bit (1st Place Most Creative Project)** [Link](#)

San Francisco, CA

*Software Engineer Intern*

*June 2021 - July 2021*

- Implemented an interactive web application that generates customized Mad Libs word games based on user inputs
- Employed **Python** and **Tkinter** for the front end user interaction and the back end functionality design
- Collaborated effectively on Github, maintained code quality, and documented project components

**Code Nation** [Link](#)

San Francisco, CA

*Software Engineer Intern*

*Sept 2019 - May 2021*

- Created a movie database website with a static front end that allows users to search movies and view summaries
- Utilized **Javascript** for the front end interaction and **REST APIs** to interact with IMDB's movie database
- Demonstrated professional communication in an **Agile** setting through weekly sprints and presentations

## PROJECTS

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**Maomorize (CruzHacks 2024)** [Link](#)

- Developed a dynamic web application that integrates **OpenAI's API** for note improvement suggestions
- Implemented secure user authentication via **Google Authentication**, ensuring a positive login experience
- Utilized **HTML**, **CSS**, **React**, and **Javascript** to create an intuitive user interface, deploying the website on **Netlify** with a custom **domain**, and ensuring data integrity with **Firebase**

## AWARDS & EXTRACURRICULARS

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**SlugLove (1st Place "Most Ambitious Idea" CruzHacks 2023)** [Link](#)

- Created a dynamic web application that utilizes chat rooms, a sticker shop, and a virtual gram maker
- Employed **JavaScript** and **React** to manage the backend logic and **Construct3** for the mini game
- Crafted a dynamic user interface by leveraging **HTML**, **CSS**, **React**, **TypeScript** and **Scalable Vector Graphics (SVG)**, utilizing advanced techniques like parallax scrolling for an immersive visual experience

**FosterFeed (1st Place Code Nation Hackathon)** [Link](#)

- Developed a web application addressing the needs of the foster care community, featuring job listings and resources
- Utilized **Java** for the back-end development, overseeing critical functions such as page routing and application logic
- Crafted an engaging front-end experience using **HTML** and **CSS**, ensuring optimal user engagement and navigation

**Google Developer Club**

Santa Cruz, CA

*Active club member*

*October 2022 - present*

- Actively participated in LeetCode practice sessions, enhancing proficiency in **algorithms** and **data structures**
- Engaged in weekly mock interviews sharpening problem-solving abilities, and interview readiness
- Fostered strong teamwork and communication skills through group projects and paired programming sessions

**Interests:** Gym, Hiking, Climbing, Sewing, Arts and Crafts, Journaling