

# Jessica Hagedorn

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## EDUCATION

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### University of California, Davis

B.S Computer Science, Minor in Tech Management

Expected June 2021

GPA: 3.7

## RELEVANT COURSES

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Data Structures and Algorithms I • Discrete Mathematics • Linear Algebra • Managing and Using IT • Computer Architecture

## TECHNICAL SKILLS

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PROGRAMMING: C++ • Python (learning)

FRONTEND: HTML/CSS • JavaScript • React (learning) • GraphQL (learning)

BACKEND: Node.js • Express • SQL • Heroku • C#

DESIGN: Figma • Balsamiq • Adobe Creative Cloud

## HONORS

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### Rewriting the Code, Fellow

Part of a prestigious educational and career development program for female undergraduate engineering students.

## HACKATHONS / PROJECTS

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### LazyRead at Cal Hacks 2019

React & Google Cloud Natural Language API | [GitHub](#)

- Independently built **React** application that analyzes a news article in 36 hours.

### 2nd Place Winner at Violet Hacks 2019

RecordMe

Node.js, Express, JavaScript, jQuery, HTML, & CSS | [GitHub](#)

- Engineered frontend and backend of interviewing practice tool that records and critiques user's audio input.
- Collaborated with a product designer, a product manager, and another developer to build the application under 2 days.

### Best Game Hack at Rose Hack 2019

Windows Defender VR

Unity, C#, & Oculus Rift | [GitHub](#)

- Built **virtual reality** game within 24 hours that teaches budding engineers logical thinking, problem-solving, and collaboration skills.

### Personal Website

HTML, CSS, JavaScript, & Figma | [GitHub](#)

- Independently prototyped and developed personal portfolio website.

## PROFESSIONAL EXPERIENCE

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### RecordMe, Software Developer

September 2019 – October 2019 | San Francisco, CA

- Refactored and expanded frontend of interviewing practice application using **React** and **MobX**.
- Engineered recording, speech recognition, and playback, and download functionalities.
- Worked with full-time software engineer at Udemy to prepare the MVP for launch.

### State Bar of California, Applications Development Intern

June 2019 – August 2019 | San Francisco, CA

- Programmed console application in **C#** that automatically retrieves and inserts 8,000+ records across different database tables.
- Implemented **SQL** triggers to synchronize between two different database systems with 300,000+ records and among 20+ database tables in real-time.
- Worked on developing full-stack web application that automates the processing and auditing of 300,000+ records using **C#** and the **ASP.NET MVC framework**.
- Wireframed UI interfaces for two web applications with approximately 200,000+ users using **Balsamiq**.

### Citrus Hack, Frontend Web Developer | [GitHub](#)

June 2018 – October 2018 | Riverside, CA

- Developed user-friendly web pages for Cutie Hack 2018 using **HTML**, **CSS**, **jQuery**, and **Bootstrap**.
- Organized Introduction to **Git** workshop for 10+ web developers.

## LEADERSHIP

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### Managing and Using IT Class, Team Lead – NCAA

October 2019 – December 2019 | Davis, CA

Led team of 12 to **1st Place** out of 11 consultant projects by planning direction and timeline of project, delegating tasks based on individual strengths, and evaluating teammates' work.

### Bit Inc., Project Manager, Computer Science Curriculum

September 2019 – October 2019 | Davis, CA

Curated and critiqued high school and college curriculum content on object-oriented programming and data structures in **Python**. Improved quality of the curriculum content and internal workflow by spearheading and mentoring 10 curriculum developers.

### Women in Computing, Internal Operations Chair

March 2019 – June 2019 | Riverside, CA

Led workshops on **C++ programming**, **Scratch**, and **frontend development** for 100+ members and K-12 students. Improved membership attendance by 160% by recapping previous events on social media and personally encouraging students to attend upcoming events.