

# REBECCA DANG

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## EDUCATION

**University of California, Berkeley** | Aug 2021 – May 2025 | Electrical Engineering & Computer Science

- Structure and Interpretation of Computer Programs (Fall 2021)

**Evergreen Valley College** | Jun 2019 – Jul 2020 | 4.0 GPA

- Discrete Structures, Intro to Data Structures (Java), Intro to Program Structures (Java), Program Design & Development (Python)

**Evergreen Valley High School** | Aug 2017 – Jun 2021 | 4.0 GPA | Valedictorian

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## EXPERIENCE

**Berkeley Codebase** | Client Software Developer | Sep 2021 – Present

- Currently redesigning Aurora Solar's (<https://www.aurorasolar.com/>) admin portal using React, blueprint.js, Python, Flask, Okta, and OAuth2

**Code 4 Tomorrow (C4T)** | Vice President, Mentor | Mar 2020 - Present

- Coordinated team of 130+ volunteers to provide 180+ free virtual coding classes and events, reaching 1100+ students (<https://code4tomorrow.org>)
- Created Java, Python, and HTML/CSS [curricula](#); taught beginner and advanced Python courses
- Set up continuous integration on C4T's GitHub repositories (<https://github.com/code4tomorrow>)

**FIRST Tech Challenge (FTC) Team 9656 Omega Robotics** | Co-Captain | Aug 2018 – Feb 2021

- Coordinated 15 roboticists to design, build, and program robots in the FIRST Tech Challenge
- Programmed the robot to accomplish autonomous and remotely controlled tasks to score points (<https://github.com/omega9656>)
- Created website (<https://omega9656.github.io/learn-code>) to train members in FTC programming skills
- Revamped Omega's engineering documentation, allowing Omega to qualify for the 2020 FIRST World Championships in Houston

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## PROJECTS

**Enoch** | Creator, Lead Developer | Aug 2020 – Sep 2021

- Programmed a Discord bot using the Discord.py API for use in C4T Discord servers with 500+ users
- Features: Automated class scheduling using the Google Sheets API; student, parent, and volunteer verification to ensure security on the C4T Discord servers; link retrieval; private text and voice channel creation for each coding class; meeting reminders; scoreboards; and more
- Wrote the entire project's documentation (<https://enoch.code4tomorrow.org>)
- Collaborated with other student developers to expand the bot's features; reviewed pull requests

**Psyber** | Jan 2019

- Created website (<https://phrdang.github.io/pixelhacks3>) to teach cybersecurity
- Won Best Beginner Hack at PixelHacks III

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## SKILLS

Python, Java, Git, GitHub