

# Yao Yu

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## EDUCATION

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- **San Jose State University**

*Bachelors of Science in Software Engineering GPA 3.15*

*May 2021*

## TECHNICAL SKILLS

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**Programming:** Java, HTML, CSS, SQL, Swift, PHP, Dart

**Technologies:** Git, MySQL, Firebase, S3, Cognito, Flutter

**Relevant Coursework:** Data Structures and Algorithms, Software Engineering Process, Object-Oriented Design, Database Management Systems, Information Security, Computer Architecture, Computer Networks, Operating Systems, Server-side Web Programming, Wireless Mobile Software Engineering, Software Quality Engineering.

## EXPERIENCE

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- **Program Support**

*California Energy Commissions*

Sacramento, CA

*Jan 2021 - Present*

- Created an Excel pivot table with data collected from PSD program annual reports.
- Tested new annual report format and performed data validation checks.
- Assisted with technical research on how to export Microsoft Teams' chat messages in the Data and Analytic unit.

- **Software Engineer Intern**

*NeuroLeap Corp*

San Jose, CA

*Jun 2020 - Jan 2021*

- Developed with the iOS team an iPad application SLPS2(Speech-language pathology screen-er) using Swift5.
- Utilized TestFlight to distribute beta builds to testers and collect feedback.
- Documented and improved the quality of the project codebase.

## PROJECTS

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- **iOS Development - SwapIT**

*Professional iOS - CodePath*

SJSU, CA

*Feb 2020 - May 2020*

- Developed an iOS currency exchange application in Swift with Firebase in Agile environment.
- Implemented real-time currency rates update using fixer currency API.
- Utilized Firebase to store and retrieve user data for generating user profiles and the messaging feature.

- **Web Development - Ari's Dream**

*Server-side Web Programming - SJSU*

San Jose, CA

*Feb 2020 - May 2020*

- Developed a website using PHP and HTML that allows users to login and submit encrypted information.
- Sanitize user inputs with proper techniques before storing information into MySQL database.
- Utilized secure authentication like sessions and cookies to secure user information.

- **Wavelength Detecting Robot Project**

*Computer Engineering Department - SJSU*

SJSU, CA

*Aug 2018 - Dec 2018*

- Built and tested the functionality for the robot.
- Programmed the robot with easyC to detect the wavelengths from two different beacons.