

Yao Yu

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EDUCATION

- **San Jose State University**

Bachelors of Science in Software Engineering GPA 3.15

May 2021

TECHNICAL SKILLS

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

- **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

- **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.