

# Tanner Villarete

Cell: 805-720-9663 | Santa Maria, CA | Portfolio: [www.TannerV.com](http://www.TannerV.com) | Email: [Tvillarete@gmail.com](mailto:Tvillarete@gmail.com)

[in linkedin.com/in/tvillarete](https://www.linkedin.com/in/tvillarete) [github.com/tvillarete](https://github.com/tvillarete)

## Education

California Polytechnic State University  
Bachelor of Science in *Software Engineering*

San Luis Obispo, CA  
Graduation Date: June 2019

## Software Experience

Software Engineer Intern, Full-Stack – iFixit ([iFixit.com](http://iFixit.com))

San Luis Obispo, CA  
Fall 2016 – Present

- Design, implement, and test frontend and backend features using the latest web stack
  - Developed a compatibility checker and device catalog system for iFixit.com
  - Integrated a product review system API into iFixit's international eCommerce platform
- Stack: **HTML • Less • ReactJS • PHP • Glamorous • Selenium • PHP Unit**

Front End Developer, Co-Founder – FlowChamp ([flowchamp.org](http://flowchamp.org))

San Luis Obispo, CA  
Spring 2017– Present

- Designed and connected a frontend web application to a custom REST API
  - Built a Chrome Extension to add flowchart courses to Cal Poly's PolyPlanner software
  - Initiated talks with Cal Poly to replace their course planning application with our tool
- Stack: **ReactJS • Redux • Styled Components • MongoDB • Chrome Extension**

## Technical Skills

### Front-End Development

HTML5 • CSS3 • Sass • Less • Styled Components • Glamorous • ReactJS • Redux • Express • jQuery • jQuery UI • JSON • Chrome Extension

### Languages

JavaScript (ES6) • PHP 7 • Java • Python • C • C++ • Swift (iOS)

### Databases

MySQL • MongoDB • GraphQL

### Servers

Apache • Node

### Version Control

GitHub • Git • SVN

### Testing

Selenium • PHP Unit • JUnit • SonarCloud • Travis CI

### Tools

Vim • NPM • Yarn • Maven • Gradle • Heroku • PHP Composer

### Design

Photoshop, Figma, Sketch

## Projects

🍏 Music.js – [tannerv.com/music](http://tannerv.com/music)

Hosted on a Raspberry Pi, 🍏 Music.js is a full-stack web development project that stores iTunes library metadata in a MySQL database and streams it to a JavaScript replica of Apple Music.

Tools: **ReactJS • Redux • Styled Components • PHP • Laravel • MySQL**

Windows 10 HTML Replica – [tannerv.com/win10](http://tannerv.com/win10)

Built entirely with ReactJS and CSS, this project was my way of improving upon fundamental CSS skills and understanding the complexities of how an operating system manages application states.

Tools: **ReactJS • Styled Components • Windows 10**

Playce – [tannerv.com/playce](http://tannerv.com/playce)

Playce was designed by a team of six for Cal Poly's Software Engineering II course. It is a full-stack web development project that offers recreation recommendations based on a user's answers to a dynamic questionnaire.

Tools: **ReactJS • Sass • PHP • Heroku • Spring • MySQL**

iFixit Agile Planner

A velocity calculator designed to assist iFixit project managers with preparing for a new Agile sprint. This was initially developed as a hackathon project and is now maintained by iFixit.

Tools: **ReactJS • Styled Components • Moment.js**

Internet Starter Pack – [tannerv.com/utilities](http://tannerv.com/utilities)

As one of my first projects, Internet Starter Pack was developed as a way to learn the fundamental principles of web development including responsive design, API integration, and user-specific customization.

Tools: **jQuery • jQuery UI • HTML • CSS3**