

# Tanner Villarete

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## EDUCATION

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

San Luis Obispo, CA  
**Graduation Date: June 2019**

## SOFTWARE EXPERIENCE

**iFixit** (*ifixit.com*)  
*Software Engineer Intern*

San Luis Obispo, CA  
**Fall 2016 - Present**

- Design, debug, and deploy major frontend and backend software features for iFixit.com
- Implement unit and Selenium testing site wide for quality assurance and future ease of development
- Use of Scrum software development methodologies on two week cycles

**FlowChamp** (*flowchamp.org*)  
*Frontend Developer*

San Luis Obispo, CA  
**Spring 2017 - Present**

- Co-founded a web startup to easily add, edit and share digital college flowcharts
- Designed and implemented entire graphical user interface utilizing Google's Material Design Guidelines
- Built a Chrome extension to automatically add selected courses to Cal Poly's PolyPlanner software

## PROJECTS

**SpotiFree** (*tannerv.com/spotifree*)

**Fall 2016 - Spring 2017**

- Created a Spotify-like streaming service that utilizes a user's personal music library
- Implemented both backend and frontend using jQuery, PHP, MySQL, and a Raspberry Pi web server
- Wrote a companion database manager in Python to enable quick additions or deletions of metadata

**Windows 10 HTML Replica** (*tannerv.com/win10*)

**Winter 2016 - Fall 2016**

- Built a fully functional Windows 10 user interface from scratch that works in any web browser
- Replicated via HTML, CSS, and basic JavaScript using a real Windows 10 system for reference

**Internet Starter Pack** (*tannerv.com/utilities*)

**Fall 2015 - Winter 2016**

- Developed a customizable homepage with everything one might need when browsing the web
- Integrated Spotify playlists, theming, and web search for easy access to popular online destinations

## SKILLS

**Web Design:** HTML, CSS, Sass, Less, JavaScript, MooTools, jQuery, ReactJS, PHP, MySQL, JSON, Chrome

**Programming Languages:** C, Python, Java, Batch

**Tools:** Git, Github, Vim, Photoshop, Visual Studio, Xcode

**Operating Systems:** UNIX, Arch Linux, Mac OS X 10.4-10.11, Windows XP-10

## INVOLVEMENT

**Cal Poly Linux Users Group** — *Treasurer*

**Summer 2017 - Present**

**Computer Engineering Society** — *Active Member*

**Fall 2015 - Present**

**White Hat Cal Poly** — *Active Member*

**Fall 2015 - Present**

**Cerro Vista Inter Housing Council** — *Building Representative*

**Fall 2015 - Spring 2016**

## HONORS

**Santa Barbara Scholarship Foundation** — *Finger Living Trust Scholar*

**Benevolent and Protective Order of Elks** — *Most Valuable Student Scholar*

**American Legion California Boys' State** — *High School Representative*

**Benevolent and Protective Order of Elks** — *Student of the Month Scholar*