# Steven Tan

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## Education                                                                                                    June'16

**California Polytechnic State University, San Luis Obispo**          *Bachelor of Science, Computer Science*

## Experience

**Full Stack Developer** - Cal Fire, Los Osos CA                                                    March 2015- Oct 2015
- Communicated with non-technical co-workers to help develop the products that fit their needs
- Used D3.js to integrate GeoJson files to create web applications for multiple counties
- Worked with MapBox, OpenStreetMap, and other APIs to create map-based applications for GIS co-workers
- Saved an hour of manual work daily by automating data-entry into Google Excel Spreadsheets from server
- Designed and implemented Jekyll to create a simplified and dynamic web guides for all new interns/employees

**Web Developer Intern** - Haberdashion, San Luis Obispo CA                                 Oct 2014 - March 2015
- Redesigned UI for a web app using Haberdashion's API
- Used Vagrant VM to provide the front end HTML/CSS in addition to PHP on top of mySQL
- Communicated with graphic designers to make decisions on design layouts and implementations
- Understood the pros and cons with working in a small tight-knit startup environment

**Team Leader** : **Authoring Tool** -  California Polytechnic University, San Luis Obispo CA          Sept 2014 - Dec 2014
- Created an authoring tool for tutorials using Java Swing
- Scheduled, oversaw, and provided tasks for multiple members of a six-person team
- Used Agile Development; followed requirements with one week sprints and daily stand up meetings

## Projects

**Web Speech API Google Plugin**                                                                  March 2015 - Dec 2015
- Directs voice commands to particular websites
- Manipulates web pages functions such as print, new tabs, and more
- Created API library to import voice commands to web games

**Lightweight Scheduler**                                                                            Sept 2015 -  Dec 2015
- Worked in C to create a program to switch between processes

**Chat Client**                                                                                        March 2015 - June 2015
- Worked on a network's project that involves sending and receiving tcp and udp packets
- Allowed sending private messages and announcements to multiple connected clients

***Guild Wars 2 M.M.O. Datamining***                                                               Dec 2014 -  June 2015
- Uses Gixxel, a custom made open-source tool, to extract and archive strings from the game
- Extracts the string from a .dat in C# (Visual studio)

***The Red Balloon (Animation Short)***                                                            Sept 2014 - Dec 2014
- Created a simple short with animation and different models in addition with images with Maya Autodesk

## Skills

*Languages :* C, Java, HTML/CSS, JavaScript, SQL

*Tools:* D3.js, Agile Development, MySQL/HeidiSQL, GitHub/BitBucket, OpenGL, VMWare, Maya, React.js

## Notable Coursework

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|---|---|
| Design and Analysis of Algorithm | Introduction to Database Systems |
| Introduction to Game development | Introduction to Computer Graphics |
| Developing with Cloud Services | Digital 3D Modeling and Design |
| Programming Languages | Technical Writing |
| Introduction to Operating Systems | UI/UX Design |