

# Robin Pennock

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Objective: *Targeting an Entry Level Opportunity in Software Engineering*

## Technical Skills

- C, Java, C++, Ruby, C#, PHP, JavaScript, CSS, JQuery, Bootstrap, Prolog, Scheme/Racket, SVN, GitHub, MySQL, SQLite, ActiveRecord, HTML, Windows, Linux, Unix, Bash Scripting.
- Strong foundation in Computer Science with emphasis on group development; including IDS, UCSD, and Agile development.
- Experience in object-oriented programming, procedural programming, MVC Architecture, testing, debugging, documentation, UI design, and system administration.
- Quick and eager to learn new technologies and skills; successful working in both team and self-directed settings.

## Experience

### BS Computer Science SFSU, Graduation: 2014

- Full development EleVape Web Application (in progress):  
*Test Site:* <http://thawing-basin-2013.herokuapp.com/>  
*Project Scope:* Full design, development, test and deployment of Ruby on Rails web application. Working closely with EleVape owners to deploy a business website, with plans for future web store. Emphasis on UCD and IID. Release Q1 2015.  
*Tools:* Ruby, Rails, Linux, Html, Bootstrap, CSS, JQuery, JS, Postgres, Active Record, Github, Heroku  
*Reference:* Spencer Oberlin, owner EleVape LLC. 805-354-9692
- Back End development for 3D MMO game: World of Balance (Completed)  
*Project Scope:* Worked as part of a 30+ member development team. Full design and build process for MMO which simulates an ecological system. Project combines fun for users with scientific analysis. Designed Tutorial's back end. Q/A Lead for final tutorial deployment. Release Q1-Q2 2015.  
*Tools:* Java, C#. MySQL, Unity 3d, Netbeans, PHP MyAdmin
- Front End Web Design and Lead Test on Project: TripOut! (completed): <http://sfsuswe.com/~f13g05/>  
*Project Scope:* Worked as part of a seven-member web team. Full design and build process for a LAMP stack website similar to TripAdvisor.com.  
*Tools:* PHP, CSS, JS, MySQL, Bootstrap, JQuery, SVN, Bugzilla, PHP MyAdmin, MySQL, Netbeans.

### Computer Science Courses Completed:

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|--|---|
| • OS Development (windows and linux)                     | • Unix System Administration                              |
| • Java Programming & Data Structures                     | • Web Application Development                             |
| • C++ Programming & Data Structures                      | • Software Engineering with emphasis on Group Development |
| • Assembly Language Programming                          | • Analysis of Algorithms                                  |
| • Software Development with emphasis on Game Development |   |

## Hobbies

- Musician and Studio Engineer