

CHRIS KNADLER

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INTERESTS

Web backend engineering, tools development, creating APIs, designing grammars, compiler engineering, open source software, test (and behavior) driven development, pair programming and thorough documentation.

EXPERIENCE**MOBILE DEVELOPER, HP; SAN JOSE, CA — MAY '12 - AUG '12**

Developed an iOS app from scratch that integrated with Microsoft SkyDrive, iCloud, CoreLocation and MapKit.

WEB DEVELOPER, FREELANCE; DISTRIBUTED — DEC '11 - MAY '12

Performed site updates and additions mainly through Fluxar Studios. Work done in PHP and Ruby on Rails.

PROGRAMMING TUTOR, CHICO STATE; CHICO, CA — AUG '11 - DEC '11

Tutored and lectured for four sections of students from CSCI 111: Intro to Programming and CSCI 311: Data Structures and Algorithms. Both classes were taught in C++.

WEB DEVELOPER, NEW I WORLD; CHICO, CA — FEB '11 - DEC '11

Developed a Ruby on Rails application at a small startup. Goal was to convert a PHP E-Commerce site to Rails and implement a test suite using RSpec.

EDUCATION**CALIFORNIA STATE UNIVERSITY, CHICO — AUG '09 - JUNE '13**

Major: Computer Science | GPA: **3.56** major (3.2 cumulative)

OPEN SOURCE => GITHUB.COM/CKNADLER

HKL: A programming language built from scratch using flex, Bison, C99 and no external libraries. It is intended to be a "patterns friendly version of Lua".

MarkTab: A concise, machine readable, guitar tab language. Built using flex, Bison, C99 and Ruby.

RComp: Testing terminal application output made easy. Designed initially to be an output testing framework for programming languages. Written in Ruby with Thor.

SKILLS

Programming Languages: C, C++, Clojure, Objective-C, Ruby, Javascript, Bash, *HKL

View Languages: HTML, HAML, CSS, SASS, ERB, Markdown

Testing: RSpec, Cucumber, test/unit, mocha (ruby), mocha (js), phantom.js, *RComp

Frameworks: Cocoa Touch, Ruby on Rails, Node.js, JQuery, Thor, Commander

Tools: Vim, Xcode, git, flex, Bison, gdb, CMake, Autotools

ORGANIZATIONS

Computer Science Honors Society (**UPE**), **President** - JAN '12 - CURRENT

Chico State Linux Users Group (**CSLUG**), **President** - AUG '10 - JAN '12

Association for Computing Machinery (**ACM**), **Member** - FEB '11 - CURRENT