



CHRIS KNADLER

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ABOUT

My name is Chris Knadler and I'm **not** just another programmer. My major interests are web backend engineering, tools development, creating APIs, and compiler engineering. I enjoy test (and behavior) driven development, open source, pair programming and documentation (believe it or not).

EXPERIENCE

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

Developed an iOS app from scratch that integrates with SkyDrive and iCloud. Other technologies included CoreLocation and MapKit. Work was done in a team of three where I was solely responsible for app design and development.

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

Performed site updates and additions mainly through Fluxar Studios. PHP, Wordpress, Rails, etc.

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

I was responsible for tutoring and lecturing 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

Ruby on Rails development at a small startup. Goal was to convert their 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.

And quite a few more...

SKILLS

Languages: C, C++, Objective-C, Ruby, Javascript, HTML, CSS, SASS, Markdown, *HKL

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

Tools: Vim, Xcode, git, flex, Bison, RSpec, *RComp, Cucumber, mocha, 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