CHRIS KNADLER

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INTERESTS

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

EXPERIENCE

SOFTWARE DEVELOPMENT ENGINEER, AMAZON; SEATTLE, WA — JUNE '13 - PRESENT

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

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

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

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 port 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, Objective-C, Java, Ruby, Go, Haskell, Javascript, Bash, VimScript

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

Testing: RSpec, Cucumber, mocha (rb), mocha (js), JUnit, Mockito, bats, Clar

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

Tools: tmux, Vim, Xcode, Git, flex, Bison, Jison, gdb, Make, GNU Autotools