



Rob Koch

Full Stack Developer

✉ kochrt@gmail.com

☎ 513-593-5938

🌐 robko.ch

in linkedin.com/in/kochrt

🐙 github.com/kochrt

EDUCATION

BS in Computer Science
Miami University

BA in Psychology
Miami University

TECHNOLOGIES

Swift, XCode, iOS

Java

Angular2, Typescript

HTML, CSS, Javascript

Python

Android, Android Studio

AWS

LANGUAGES

English (Native)

Chinese (Professional)

PROJECTS

JobsBox - Python webscraper for whoishiring.io based on keywords

Patterson Bridge - Site to help students find other students to work on projects together. Why wait for a startup weekend to find talent and start your business? Written in Angular2 with Google's Firebase as a backend.

Patterson Bridge iOS app - Full-featured iOS client for Patterson Bridge. Written in Swift 3 for iPad and iPhone.

Ping iOS app - Location based discovery app built with Swift and Firebase. Currently in Apple's TestFlight Beta program

GaggleInc - Hybrid mobile app using the Ionic framework and Angular2 in a three-person Agile development environment

Project Dragonfly iOS app - Swift 3 iOS app to encourage kids to explore their environment and ask scientific questions

EXPERIENCE

Software Engineer

Current

Cladwell, Cincinnati, OH

All-aspect iOS Development - quickly iterated features in response to market demands in a fast-paced startup environment

Software Engineer

2016-2017

Cash Flow Solutions, Oxford OH

Migrated company website from Wordpress to independent HTML/CSS/JS

Created an embeddable javascript plugin (for use by clients to accept payments) as a one-line alternative to interacting directly with our API

Cloud Engineering Intern

2016

Cardinal Health, Columbus OH

Redesigned and managed the internal engagement process for requesting Amazon Web Services (AWS) resources, streamlining the resource provisioning process

Automated solutions for logging into VDI, sending customer emails based on data from an Excel spreadsheet, and entering queries into Neo4j graph database all using Python

Teaching Assistant

2015, 2017

Miami University, Oxford OH

Proctored a computer lab for object-oriented programming course, focusing on good coding practices, readability, and object-oriented design

English Instructor

2013 - 2015

Shaoxing University, Zhejiang China

Taught comprehensive college-level English course to students while learning Chinese

Research Fellow

2012

Procter & Gamble, Cincinnati OH

As part of the biometrics group, conducted product research and consumer testing using various biometric tools and human factors, including facial expression coding, eye tracking using Tobii, implicit cognition studies, and Facial Action Coding System (FACS)

Led work on developing new technical methods for evaluating product performance based on sensory feedback from consumers (Pantene)