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
2015 - 2017

BA in Psychology
Miami University
2008 - 2012

TECHNOLOGIES

Swift, XCode, iOS

Java

Angular2, Typescript

HTML, CSS, Javascript

Python

Android, Android Studio

AWS

LANGUAGES

English (Native)

Chinese (Professional)

👤 ABOUT ME

Software engineer and general tinkerer - I like to code and play with new technology. Currently doing iOS and web development; otherwise was most recently in Cardinal Health's cloud, where I had the opportunity to work with AWS and do a lot of python scripting. I can be bribed with good Chinese food.

🗔 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.

Pîng 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 |
| CFS, Oxford OH | |

| **Cloud Engineering Intern** | 2016 |
| Cardinal Health, Columbus OH | |

Redesigned and managed the internal engagement process for requesting Amazon Web Services (AWS) resources, streamlining the process by which resources are provisioned

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

| **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)