

AUDREY WELCH

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github.com/audreywelch



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SKILLS & TOOLS

Swift | Objective-C | Python | C | Xcode | Git/GitHub

PROJECTS

EmPact

An app designed to aid people in New York City experiencing homelessness in finding critical resources.

- △ Collaborated alongside an 8-person team including web(5), iOS(2), and UX(1), to build an app in 5 weeks consisting of: an app available for use in libraries on desktop computers, on mobile phones of all types, and on kiosks(tablets) in locations where the rate of homelessness is high
- △ Worked with the backend team to develop database schema and API endpoint architecture using Firebase SDK
- △ Architected all networking, local persistence (caching), and syncing capabilities with JSON parsing, storage, and retrieval
- △ Used Google Maps and Google Distance Matrix API to display searched-for resources and find the resources currently closest to the user

Real Bread

An app that helps people find locations that serve or sell sourdough, AKA "real bread", throughout the world.

- △ Implemented various web APIs, including asynchronously downloaded and displayed image URLs in a UICollectionView
- △ Used Google Maps and Google Places Details API via CocoaPods to retrieve information about and photos of bakeries
- △ Developed networking, local persistence, syncing capabilities with Firebase SDK
- △ Designed a submission system for users to provide information about bakeries they've found

EDUCATION

iOS Development and Computer Science Lambda School , Remote	Nov 2018 - Jul 2019
△ Lambda School is a 7+ month Computer Science & Software Engineering Academy that provides an immersive (full-time, 40+ hrs/wk), hands-on curriculum in iOS development.	
M.A. TESOL & Intercultural Studies Wheaton College Graduate School , Wheaton, IL	Dec 2016
B.A. Liberal Studies (Elem. Education) Westmont College , Santa Barbara, CA	May 2012

TEACHING & RESEARCH EXPERIENCE

Adjunct Faculty (ESL) Harper College & College of Lake County , Greater Chicago, IL	May 2017 - Aug 2018
Research & Teaching Assistant Wheaton College Graduate School , Wheaton, IL	Nov 2015 - Apr 2017
ESL Instructor English Language Center, Inc. , Santa Barbara, CA	Jul 2013 - Dec 2013
EFL Instructor Heilongjiang East College , Harbin, China	Jul 2012 - Jun 2013

ENTREPRENEURSHIP

Co-Owner and Café Manager Ibis Bakery , Kansas City, MO	Sep 2014 - Sep 2015
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VOLUNTEER WORK

Python Curriculum Writer Code Your Dreams , Chicago, IL (Remote)	Sep 2019 - Present
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