

Karen Couch

A hard, dedicated worker with a passion for technology and eagerness to learn. Recently received a **B.S. in Computer Science** and is eager to begin in a career in **software development**. I've built a few projects by myself and I'm looking for a role where I can grow and learn from other experienced team members.

EDUCATION

Eastern Michigan University, Ypsilanti, MI

September 2017- December 2020

- Received a **Bachelor Degree in Computer Science**
- **Relevant Coursework:** Software Engineering Solutions, Algorithms & Data Structures, Software Development for Mobile Devices, HTML/CSS Web Programming, Database Principles

Henry Ford College, Dearborn, MI

September 2015 - August 2019

- Received an **Associate Degree in Computer Information Systems**

PROJECTS

View my project portfolio for my most recent projects at:

<https://couchk.github.io/>

Dog Breed Identifier Mobile Application

<https://github.com/COSC481W-2020Fall/cosc481w-581-2020-fall-convoluted-classifiers>

- Collaborated with team members to develop a mobile application in Java that uses AI to determine a dog breed from an image given by the user.
- Primarily responsible for features such as:
 - Allowing user to take picture using the camera or select image from the gallery
 - Sending image to a server and receiving dog breed back from server and storing both in a SQLite database
 - Implement History Page by retrieving dog breed and image from database
- Used: Java, XML, SQLite, REST Api, Android Studio

WORK EXPERIENCE

Sianna Muscles in Motion, Dearborn Heights, MI — Hospitality Specialist/Receptionist

August 2017 - PRESENT

- Receiving Clients and Promoting Services and Promotions
- Overseeing Training of New Hospitality Staff
- Maintaining Inventory and Stocking Office Supplies

Dearborn Heights, MI

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<https://couchk.github.io/>

SKILLS

Java

C#

HTML/CSS JavaScript

SQL

React Framework

Experience with **Source Control** using **GitHub**

Android Application Development Experience using **Android Studio**

Knowledge of **Database Development** using **SQL**

Experience with **Scrum** and **Agile** Project Management

Experience using **JUnit** for Unit Testing

Knowledge of the **Software Development Lifecycle**

Understanding of **Object Oriented Programming**

GENERAL SKILLS

Desire and Eagerness to Learn

Problem Solving/Self Starter

Strong Attention to Detail

Ability to Work Independently or as a Team

Highly Organized and Able to Multitask