**Hello, my name is Colin**

**I have a bachelor’s degree in computer science and have been creating various software applications for the past 5 years.**

While I was in college, I had the privilege of working as a system administrator and as a contract software developer. This was a valuable learning experience and I'll always be grateful for those opportunities.

May 2021

**Stockton Programming Assignments**  
[SOURCE CODE](https://github.com/ColinSather/Stockton_Assignments)

**PROJECT DESCRIPTION**

This repository contains most of the programming assignments I’ve done in during my computer science degree. The programs are written mostly in Java but, some classes I was permitted to use Python. Click the source code button to read more about these projects on GitHub.  
  
[READ MORE](https://colinsather.github.io/)

**COURSES COMPLETED**

* Object Oriented Programming I/II
* Data Structures & Algorithms I/II
* Software & Security Engineering
* Database Systems
* Knowledge Discovery & Data Mining
* Computer Networking
* Web Application Engineering
* Cryptography & Data Security
* Computer Organization
* Computer Operating Systems

Jan 2021

**Swoop Project & Content Management System**

[LIVE WEBSITE](https://swoop.team/)[SOURCE CODE](https://colinsather.github.io/)

**PROJECT DESCRIPTION**

A productivity and project management web application platform. The purpose of this platform is to provide users with an intuitive system for managing, sharing and organizing tasks and or project notes.

[READ MORE](https://colinsather.github.io/swoop.html)

**BACKEND TECHNOLOGIES USED**

Debian Version: 10.5

Apache Version: 2.4.38

MYSQL Version: 8.0.21

PHP Version: 7.3.19-1

**FRONTEND TECHNOLOGIES USED**

HTML5, CSS3 & JavaScript

Bootstrap Framework

May 2020

**Assurance Wireless Lifeline Assistance Software**=

**PROJECT DESCRIPTION**

Assurance Wireless needed a better system for tracking who has been accepted or denied for their free services. Features include a lifeline application processing console, a customer support chatroom and GPS API integration.

**BACKEND TECHNOLOGIES USED**

Python Version: 3.8.5

AJAX Version: 3.3.1

Flask Framework: 3.3.1

MYSQL Version: 8.0.21

**FRONTEND TECHNOLOGIES USED**

HTML5, CSS3 & Bootstrap

JavaScript & jQuery

December 2019

**Circle K Charity Club Portal Web Application**

[LIVE WEBSITE](https://colinsather.github.io/stockton-cs.github.io)[SOURCE CODE](https://github.com/ColinSather/Computer_Society)

**PROJECT DESCRIPTION**

A charity club needed a more standardized way of tracking service hours contributed by their club members. Before they we’re using a public google spreadsheet that gave inconsistent results since it required members to write their own names and write the name of the project they’ve worked. My proposed web application allows users to simply sign on and record their services hours with a click of a button.

**BACKEND TECHNOLOGIES USED**

Debian Server Version: 10.5

Apache Version: 2.4.38

MYSQL Database Version: 8.0.21

PHP Version: 7.3.19-1

**FRONTEND TECHNOLOGIES USED**

HTML5, CSS3 & Bootstrap

JavaScript & jQuery

June 2019

**Stockton Computer Science Club Web Application**

[LIVE WEBSITE](https://colinsather.github.io/stockton-cs.github.io)[SOURCE CODE](https://github.com/ColinSather/Computer_Society)

**PROJECT DESCRIPTION**

I volunteered to build a full stack web application for Stockton University's computer science club. This website provides a template to display relevant club information and features a voting application that allows members to decide on various subjects remotely.

**BACKEND TECHNOLOGIES USED**

Debian Server Version: 10.5

Apache Version: 2.4.38

MYSQL Database Version: 8.0.21

PHP Version: 7.3.19-1

**FRONTEND TECHNOLOGIES USED**

HTML5, CSS3 & Bootstrap

JavaScript & jQueryTop of Form