

Welcome CEG 2350!



Aiden Cox - CEG 2350 Lab Lead
Austin Kellough - CEG 2350 Lab Assistant

Quote of the week:

“Focus on the step in front of you, not the whole staircase”

1:25pm - 2:20pm

August 25th - August 29th

The screenshot displays a Google Maps interface with a route from Dayton, OH to New Bremen, OH. The route is highlighted in blue and passes through Springfield, OH. A sidebar on the right shows travel options for a car, with the fastest route taking 1 hr 2 min. The map includes a scale bar (0 to 10 miles) and a compass.

Map Details:

- Origin:** Dayton, OH
- Destination:** New Bremen, OH
- Route:** Dayton, OH → Springfield, OH → New Bremen, OH
- Scale:** 0 to 10 miles
- Compass:** Located in the bottom right corner.

Travel Options (Car):

Mode	Time	ETA	Distance
Fastest	1 hr 2 min	8:51 PM	63 mi
Standard	1 hr 2 min	8:51 PM	63 mi
Standard	1 hr 10 min	8:59 PM	59 mi

Hometown!



Anythings a test environment if you're...

CEG 2350 | Aiden

aiden17.  

There's a reason that the windshield is bigger than the rearview. And that's because what's in front of you is so much more ...

View Full Bio

Listening to Spotify



Devil In A New Dress


Kanye West, Rick Ross

02:42 05:51

 Teaching Assistant

 CS 1180

 CS 1181

 CS 3100

 Edit Profile

Bot — 2



Artistic Helper...





Friendly Help...



Water belongs to fish, ducks a...

Faculty — 4



Dan Grahn

Brace yourself, GIFs are comin...



Dr. Raymer



T. K. Prasad



Thomas Wischgoll

Teaching Assistant — 4



CEG 2350 | Ai...



CS 1180 | Joshua Wise ...



CS 2200 | kconley



m00s34u

What I look like in the Discord server!

Get to know me - Aiden!

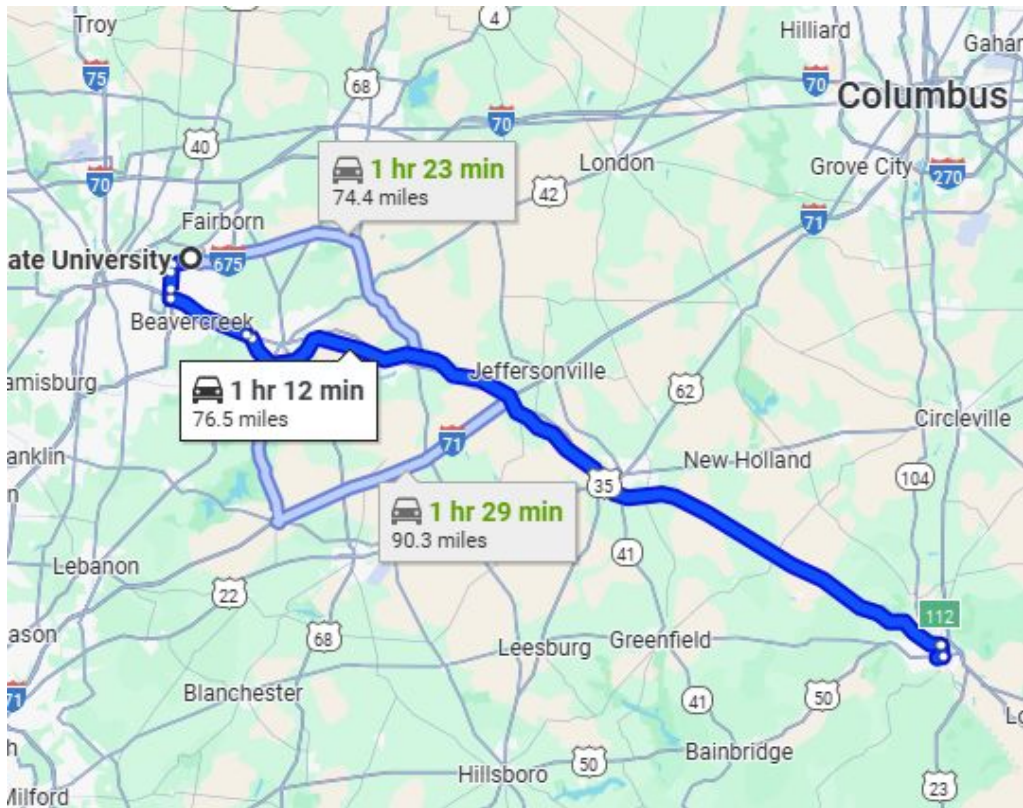


Interests of mine

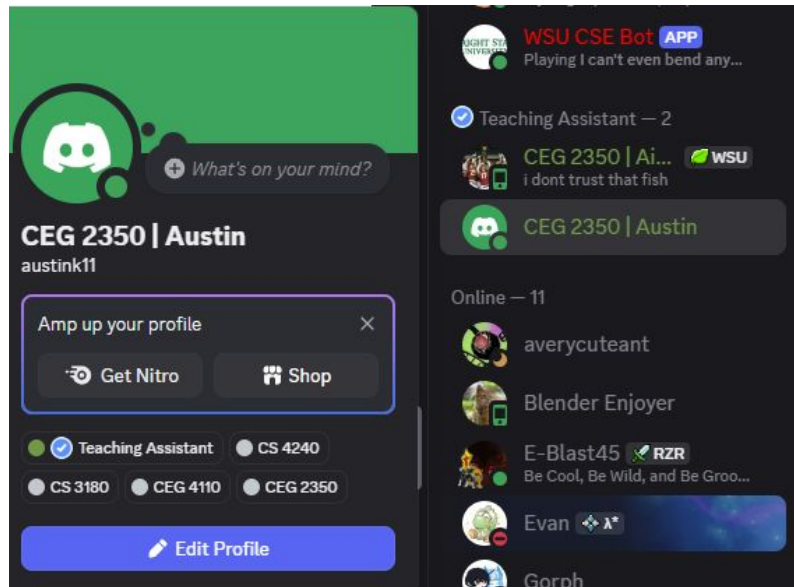


I also work at the credit union!

Get to know me - Austin!



Hometown!



What I look like in the Discord server!

Get to know me - Austin!



Now onto Serious Business...

Layout of the course:

Grading:

Lab assignments: 60% (12 planned labs, 5% each)

Quizzes: 10% (10 planned, 1% each)

Exams: 30% (3 exams – two during the semester & the final exam, 10% each)

~ 1 Lab per week. 5% each! Due Friday Night

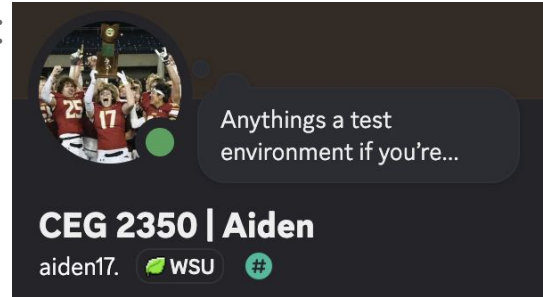
Quizzes are open all day and on class days.

3 total exams

Contact me! - Please!

Email: cox.378@wright.edu

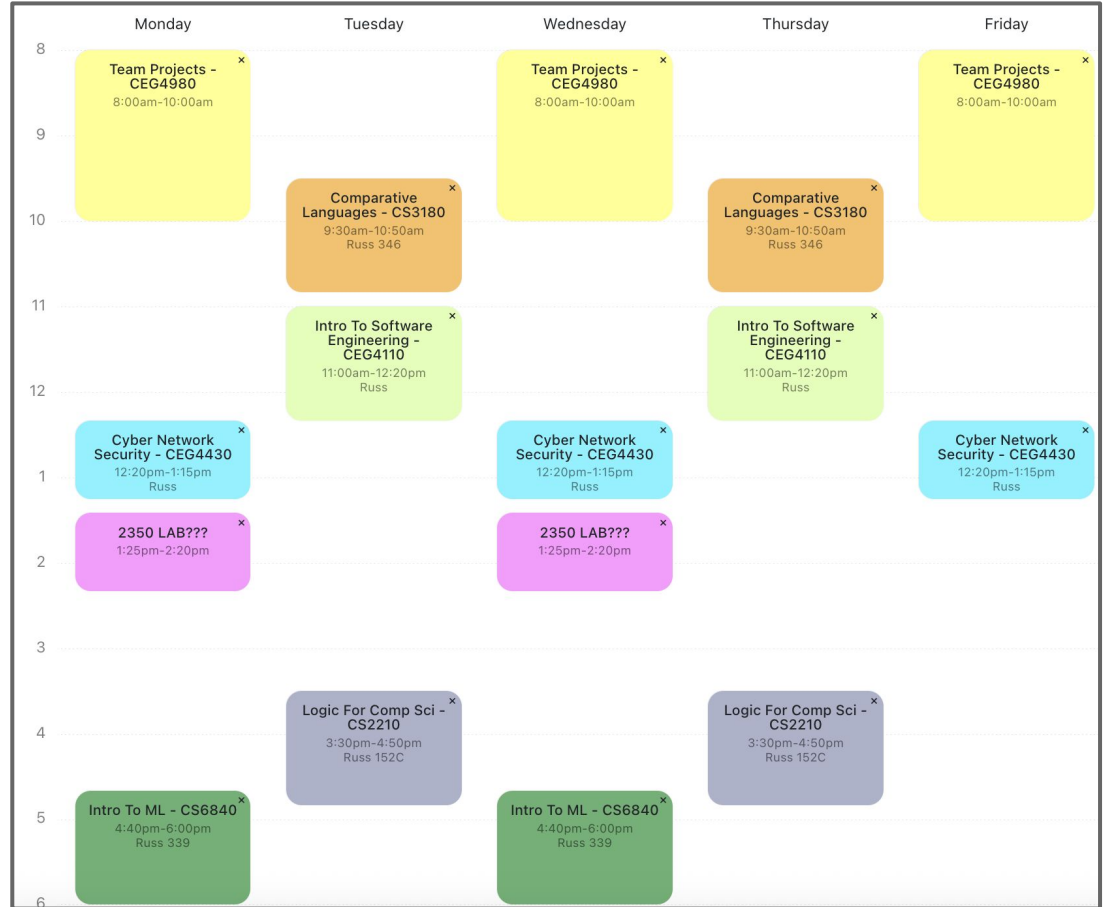
Discord:



Office Hours: TBD, if you see me in Joshi 366 don't be afraid to ask questions!

Office Hours?

If there is a time that works for the majority of you, I will consider that time block more for office hours.



Beginning Lab01

Lab Instructions: <https://pattonsgirl.github.io/CEG2350/Labs/Lab01/Instructions.html>

Lab Template:

<https://raw.githubusercontent.com/pattonsgirl/CEG2350/refs/heads/main/Labs/Lab01/LabTemplate.md>

We can set up GitHub / Git if needed! The steps are on the Prereq part of the Lab instructions.

Setting up a README.md - Part 1

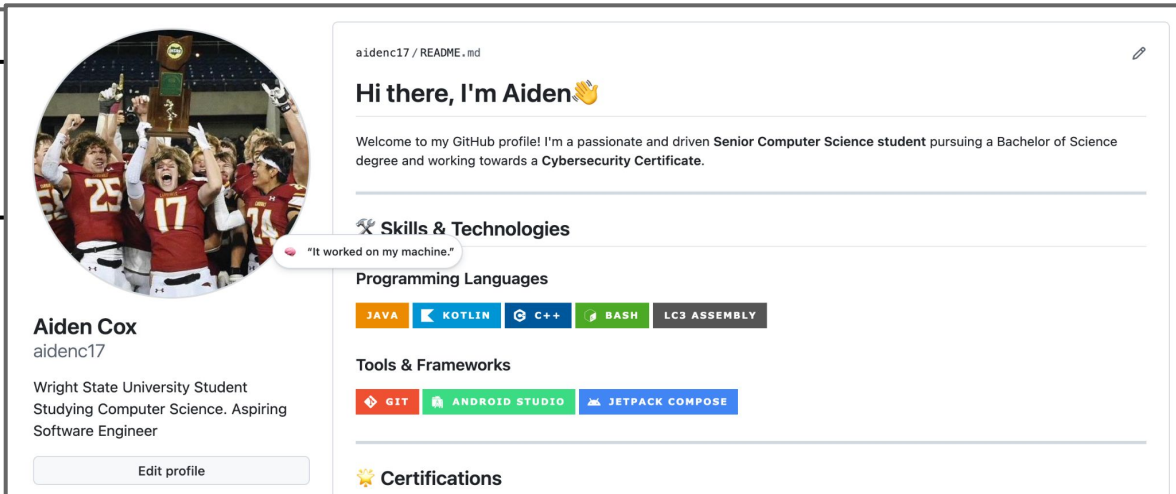
The musts: (All listed under the Lab Instructions!)

Your profile must include:

- your name
- your intended major
- pick at least two projects you are going to work on this semester (because of a course or personal projects) and give an overview of them

Get fun with it! Mine:

<https://github.com/aidenc17>



The screenshot shows a GitHub profile for user 'aidenc17'. The profile picture is a circular image of a football team celebrating with a trophy. The bio reads: 'Hi there, I'm Aiden 🙌' followed by a welcome message: 'Welcome to my GitHub profile! I'm a passionate and driven Senior Computer Science student pursuing a Bachelor of Science degree and working towards a Cybersecurity Certificate.' Below the bio is a 'Skills & Technologies' section with a 'Programming Languages' subsection listing JAVA, KOTLIN, C++, BASH, and LC3 ASSEMBLY. The 'Tools & Frameworks' subsection lists GIT, ANDROID STUDIO, and JETPACK COMPOSE. There is also a 'Certifications' section at the bottom. A small tooltip says 'It worked on my machine.' over the skills section. An 'Edit profile' button is at the bottom left.

aidenc17 / README.md

Hi there, I'm Aiden 🙌

Welcome to my GitHub profile! I'm a passionate and driven Senior Computer Science student pursuing a Bachelor of Science degree and working towards a Cybersecurity Certificate.

Skills & Technologies

"It worked on my machine."

Programming Languages

JAVA KOTLIN C++ BASH LC3 ASSEMBLY

Tools & Frameworks

GIT ANDROID STUDIO JETPACK COMPOSE

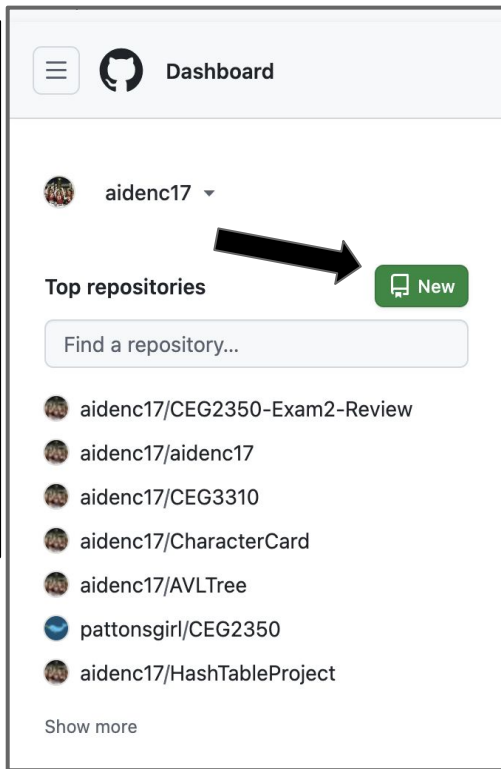
Certifications

Aiden Cox
aidenc17
Wright State University Student
Studying Computer Science. Aspiring
Software Engineer

Edit profile

How to Make the README.md? - Part 1

After making a GitHub account and signing in, the left side of GitHub should look something like this. Go ahead and press “New”



Make sure to make yourself the owner, and the repo name YOUR username.

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository](#).

Required fields are marked with an asterisk (*).

Repository template

No template ▾

Start your repository with a template repository's contents.

Owner *

aidenc17 ▾

Repository name *



aidenc17

⚠ The repository aidenc17 already exists on this account




aidenc17/aidenc17 is a **special** repository that you can use to add a README.md to your GitHub profile. Make sure it's public and initialize it with a **README** to get started.

How to Make the README.md? - Part 1


 aidenc17 / aidenc17


Type / to search

[Code](#) [Pull requests](#) [Actions](#) [Projects](#) [Security](#) [Insights](#) [Settings](#)

 **aidenc17** Public Pin Unwatch 1

main 1 Branch 0 Tags t Add file Code

 **aidenc17** added TBP position 3b0a05e · 3 weeks ago 20 Commits

 README.md added TBP position 3 weeks ago

How to Make the README.md? - Part 1

aidenc17/aidenc17 is a special repository: its README.md will appear on your profile!



aidenc17 /

README.md

in

main

Cancel changes

Commit changes...

Edit

Preview

Spaces ↕

2 ↕

Soft wrap ↕

```
1  # Hi there, I'm Aiden 🍌
2
3  Welcome to my GitHub profile! I'm a passionate and driven **Senior Computer Science student** pursuing a Bachelor of Science degree and working towards a **Cybersecurity Certificate**.
4
5  ---
6
7  ## 🧰 Skills & Technologies
8
9  ### Programming Languages
10 [![Java](https://img.shields.io/badge/Java-ED8B00?style=for-the-badge&logo=java&logoColor=white)](https://www.java.com)
11 [![Kotlin](https://img.shields.io/badge/Kotlin-0095D5?style=for-the-badge&logo=kotlin&logoColor=white)](https://kotlinlang.org)
12 [![C++](https://img.shields.io/badge/C++-00599C?style=for-the-badge&logo=cplusplus&logoColor=white)](https://isocpp.org)
13 [![Bash](https://img.shields.io/badge/Bash-4EAA25?style=for-the-badge&logo=gnu-bash&logoColor=white)](https://www.gnu.org/software/bash/)
14 [![LC3 Assembly](https://img.shields.io/badge/LC3_Assembly-gray?style=for-the-badge)](https://en.wikipedia.org/wiki/Little_Computer_3)
15
```

Research Commands! - Part 2

Part 2 - Research

In your lab template, fill out the Action column associated with the Command Line commands that perform similar functions. PowerShell for Windows aliases its Verb-Noun style commands to Unix / Linux style simply named commands. You should see what aliases work (or don't) in Part 3 if you use Windows OS.

Windows	Linux / Mac	Action
help	man	
Get-Location	pwd	
Get-ChildItem	ls	
mkdir	mkdir	
Set-Location	cd	
New-Item	touch	
Move-Item	mv	
Copy-Item	cp	
Remove-Item	rm	
notepad.exe	vim	

Yoinked straight from Lab Instructions

You may, and should, look up the function of the above commands. Your summary should be in your own words.

Explore the Command Line! - Part 3

1. Provide the full / absolute path to your user's home directory:
2. Create a directory named DirA
3. Create a directory named Dir B - the space in this name is intentional
4. Go into DirA
5. Go into Dir B from DirA
6. Return to your user's home directory
7. Create a file named test.txt
8. Move the file named test.txt into DirA
9. Edit the contents of test.txt with some words of encouragement for yourself
10. Make a copy of test.txt named copy.txt in DirA
11. View the contents of DirA
12. Make a copy of test.txt in Dir B named fodder.txt
13. Delete / remove both fodder.txt AND Dir B
 - Challenge: delete Dir B and fodder.txt in one command

Useful Commands

Windows	Linux / Mac
help	man
Get-Location	pwd
Get-ChildItem	ls
mkdir	mkdir
Set-Location	cd
New-Item	touch
Move-Item	mv
Copy-Item	cp
Remove-Item	rm
notepad.exe	vim

Have a Good Weekend



Don't hesitate to reach out and ask questions!

Quote of the week:

“Focus on the step in front of you, not the whole staircase”

1:25pm - 2:20pm

August 25th - August 29th