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

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)

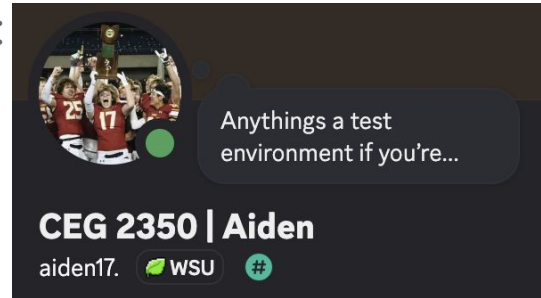~ 1 Lab per week. 5% each! Due Friday Night

Quizzes are open all day and on class days.

3 total exams

Contact me! - Please!

Email: cox.378@wright.edu

Discord:

CEG 2350 | Aiden
aiden17. 🍃 WSU #

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

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.
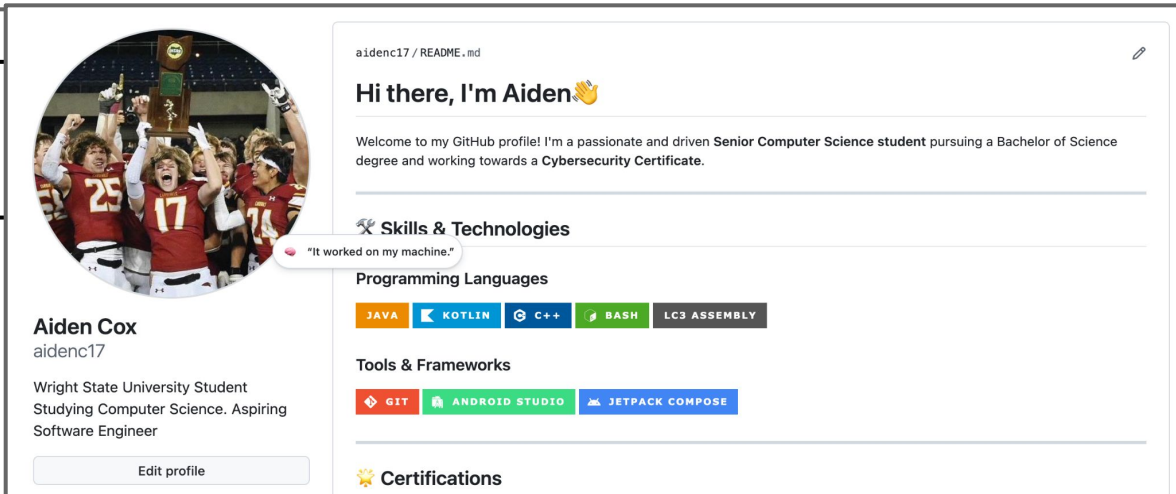
Setting up a README.md - Part 1

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

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
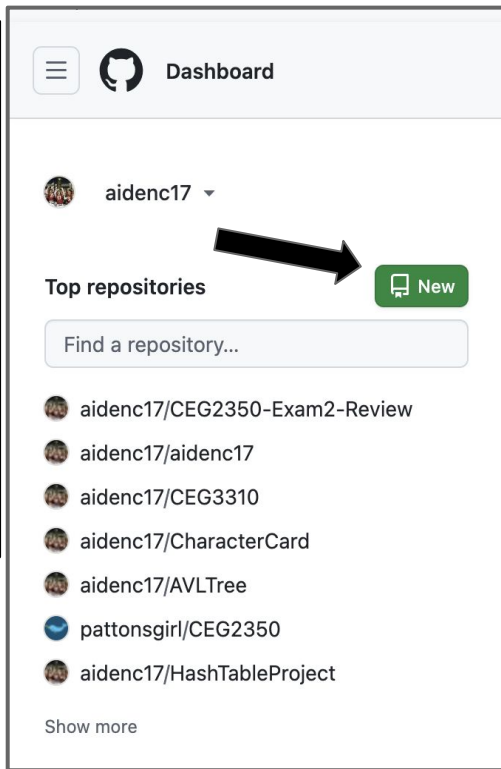
🏆 **Certifications**

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.

☰ ⚫ **Dashboard**

👥 aidenc17 ▾

Top repositories   🖵 New

🔍 Find a repository...

👥 aidenc17/CEG2350-Exam2-Review

👥 aidenc17/aidenc17

👥 aidenc17/CEG3310

👥 aidenc17/CharacterCard

👥 aidenc17/AVLTree

🔵 pattonsgirl/CEG2350

👥 aidenc17/HashTableProject

Show more

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 *   **Repository name ***

👤 aidenc17 ▾ / 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

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	

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

Yoinked straight from Lab Instructions

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

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Don't hesitate to reach out and ask questions!
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