

UWACSSA

Code Force



Collaborate. Compete. Compile.

Code Force Challenges

- Coding challenges!
 - Around 1 to 2 weeks to complete each challenge
- Team based!
 - Predetermined or randomly assigned groups of 3-5 people
- Remote Collaboration
 - Learn how to manage software projects with Git!
- Volunteer!
 - Each challenge will have a sign up form
 - New challenge every month

The Idea

- 4th Year Project Course inspiration
- Many students don't have any team work experience!
- Learn new technologies and frameworks
- Applied real-world problem solving
 - Apply your learning from in-class to the real world!
 - Learn ideas from the real world to apply in-class!
- Challenges will be to build real world systems!
 - Ex. An Inventory Management system for a grocery store
 - Or a small, basic social media platform
 - Or a mobile app for a shopping list :)

The Purpose

- Develop:
 - Communication and Leadership Skills
 - Self teaching skills
 - New frameworks
 - Remote Collaboration
 - Git
 - Task/Time Management
- To allow students to gain real world experience!
- Help build your resume!

The Process

- Students will need to sign up to participate and groups of size 3-5 will be arranged
- Each group will (most likely) be given the same project to complete
 - Up to each group on how to solve the problem!
- Project Descriptions will be sent out to each team
 - Problem description
 - What is the problem that needs solving?
 - Requirements
 - Frameworks/Programming languages, system requirements, etc.
 - Start/End Date
- Teams may have **one** senior contact or mentor
 - Teams will be able to ask the mentor for opinions or assistance
 - Mentors can be anyone, from 3rd or 4th year students, to people with real world experience!
- Projects will be evaluated after the end date
 - Possible prizes! (TBD)

Who Can Enter?

- Anyone!
- Challenges will be designed for 2nd/3rd year students
- 1st year students are encouraged to try!

Conclusion

- “Beta” challenge during winter break
 - Allow us to work out any kinks in the design
 - Sign up form will be posted in the UWACSSA discord!
- Thoughts and opinions?
 - Feel free to share thoughts or opinions in the discord channel!
- We’re looking for volunteers to help manage the project!
 - See contacts below!