

It's Mobile App Time

Week 1: Introduction

"If you can't, mobile apps can"

Introducing: The Mobility



Ishan Ajwani

President

(MAC Master)



Logan Bradley

VP of Operations



Jude Caldwell

VP of Finance

Introducing: The Mobility



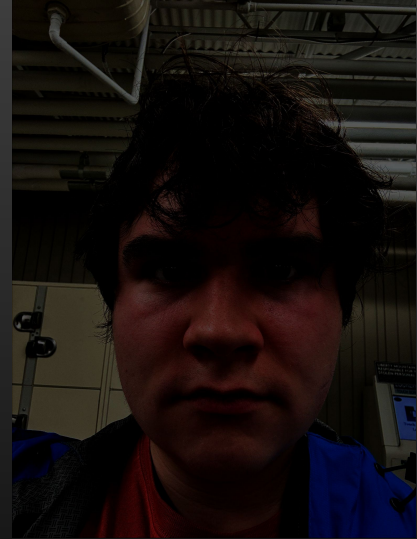
Ryan Ghimire

Secretary of Technology



Shayan Akram

VP of Outreach



Syed Raza Haider

VP of Design

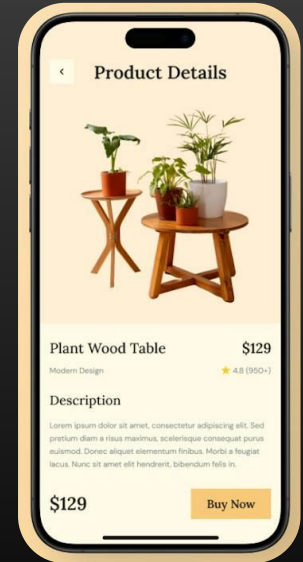
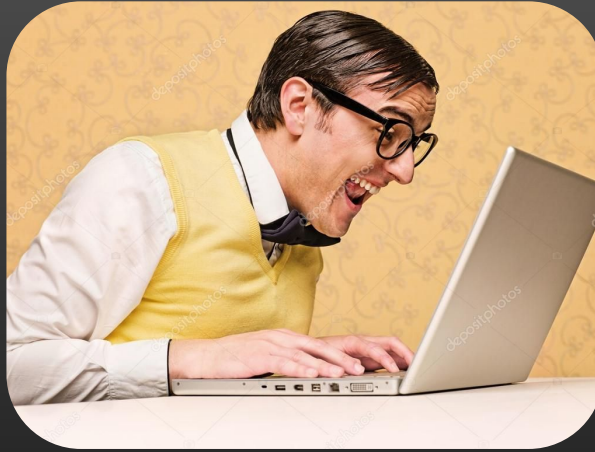
Officer Qualifications

Our officers have held positions in:

- Self Driving Cars Club
- Consulting Club
- Unmanned Aerial Vehicles Club
- German Honor Society
- Class Council
- Economics Club
- Dev Club
- Year Social
- Key Club
- Inspirit AI
- and more!

What We Gonna Do

- General block structure
 - 50/50 lecturing + coding
- Concepts that will be taught
 - Planning
 - Designing
 - Developing
 - Deploying
- What you will accomplish
 - YOUR OWN APP!
 - Beginner/Advanced "Final Project"
 - Submission for Congressional App Challenge
 - Win HackTJ (light work)



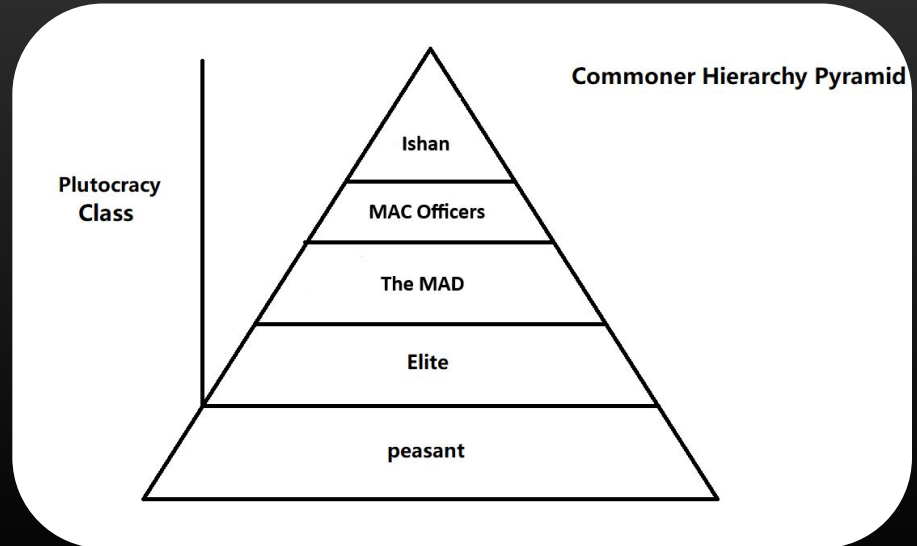
Why MAC?

- WEEKLY PRIZES!
 - Free food
 - \$500+ prize pool
- Go crazy w/ your resume
 - Projects
 - Internships + Job experience
 - Competitions
 - Awards
 - Leadership
- Real results
 - No useless theory
 - Actual apps made for the community
- HackTJ Bootcamp



Newbies vs. Professionals

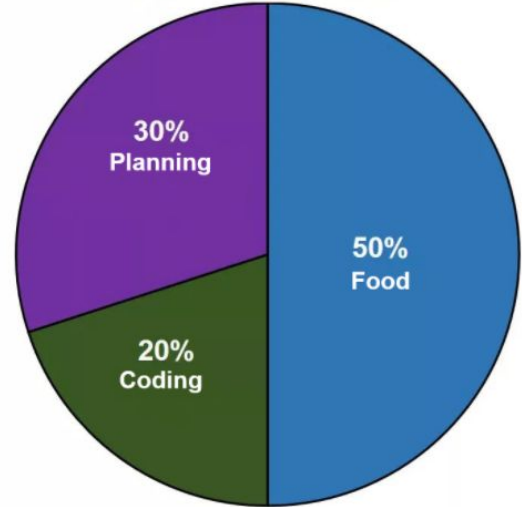
- The Groups
 - Beginners
 - 50% teaching 50% projects
 - Become a pro by the end of the year
 - Advanced
 - 20% teaching 80% projects
 - Eligible for the TJMAD
- TJMAD (TJ's Mobile App Development Team)
 - Work on advanced project
 - Looks good on resume
 - Leadership opportunities
 - Lead of frontend
 - Lead of backend
 - etc.



Beginner Project

- What Project?
 - **One** app, **infinite** possibilities
 - Document your growth
- Why Project?
 - Resume
 - College apps
 - Project experience
- How Project?
 - Unique to your aesthetic
 - Add features as you learn
 - Food prize for implementing features

Asset Allocation for a Conservative Portfolio
(hypothetical example)



Advanced Projects

- Worked on by the Advanced
- Projects TBD
- REAL LIFE APPLICABLE!

HackTJ Bootcamp

- What HackTJ?
 - Two-day hackathon
 - Teams of 2-4
 - Big prizes!
- How HackTJ?
 - 1:1 mentoring
 - Easy finalist position
 - Ideas, software, presentation
 - Good for resume (once again)



Congressional App Challenge (CAC)

- What CAC?

- "The most prestigious prize in student computer science" - CAC website
- App development competition (teams of 1-4)

- Why CAC?

- Resume padding
- Award potential
- Learning experience

- How CAC?

- Start CAC ideas + mentorship in Feb 2025
- Get foundation by Summer 2025, submit by Oct 2025



Annual TJ Mobile Apps Competition (ATMAC)

- Competition in March
- Overview:
 - Teams of 1-4 people
 - No language restrictions
 - Source code submission through GitHub
 - Present 5-minute pitch to MAC officers
 - Judged on functionality, design, innovation, and pitch
- \$250 prize pool:
 - 1st - **\$150**
 - 2nd - **\$75**
 - 3rd - **\$25** + hackTJ snack ticket (not valid, \$400 value)

Internships

- Top few Advanced + few Beginners → internships
 - Real industry experience!
 - Unbeatable for resume + college apps!
 - Potential for upward mobility
- What we will be looking for
 - Time commitment
 - Attendance
 - Project/portfolio contributions
 - Enthusiasm!





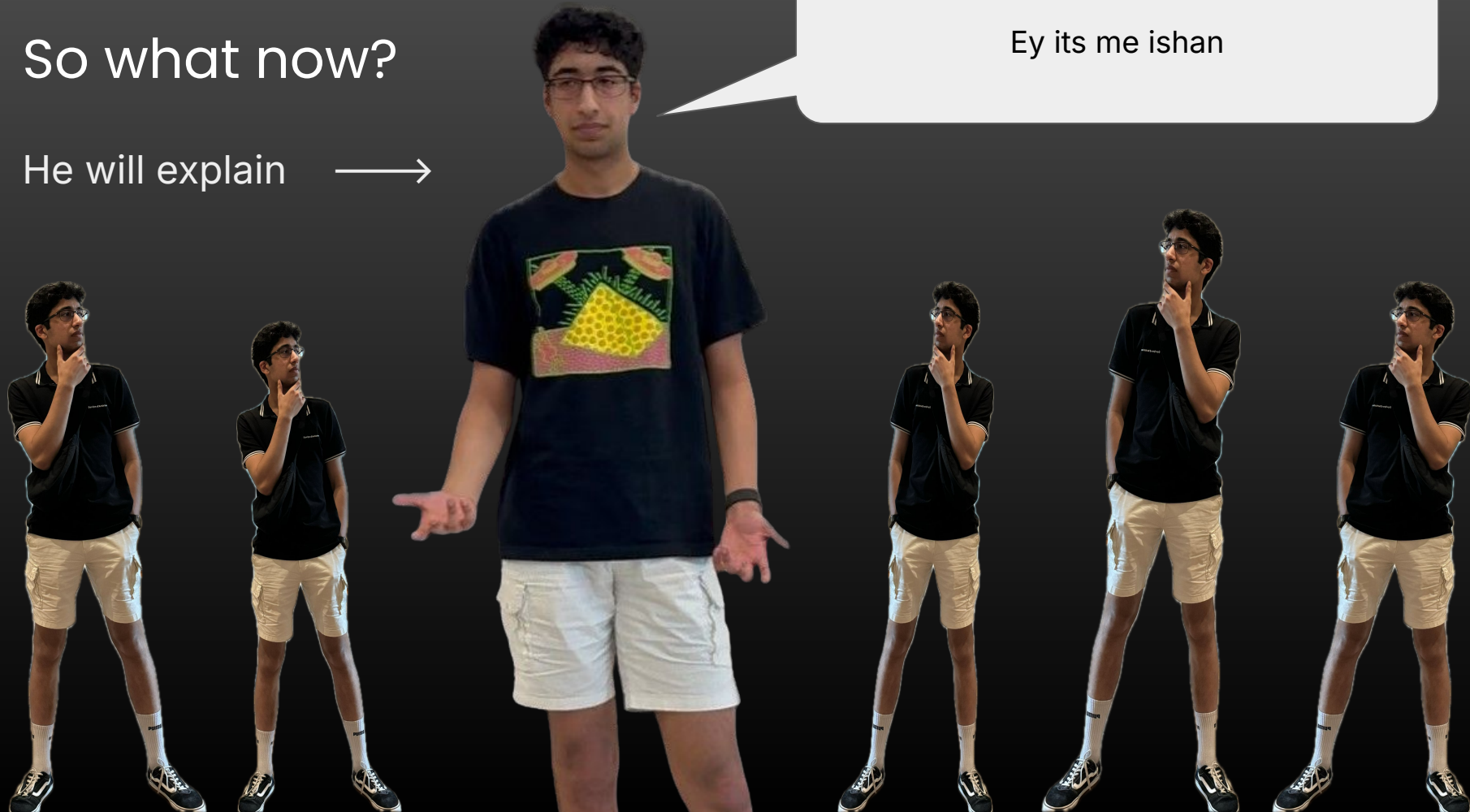
Sure, here's a summary of the key points:

- 50% teaching 50% coding
- Why you should join
 - Resume/applications
 - Real projects
 - Food
- The Big Projects
 - Portfolio/project
 - Beginner/Advanced project
 - CAC project
- The Big Events
 - ATMAC
 - CAC
- The Big Opportunities
 - CAC prep
 - HackTJ bootcamp
 - Internships

So what now?

He will explain →

Ey its me ishan



The Mobile Mania Competition

- Get in groups of 2-4 people
- (if you don't do this you're not getting food)

App Idea Brainstorming Activity

- Come up with an app idea
- if its not good we will **evaporate** you
- Focus areas:
 - Audience (Who is it for?)
 - Purpose (What problem does it solve?)
 - App Name
 - Logo (simple sketch/concept)

Finalize your app's
NAME

2:50 - 2:55

Define your
PURPOSE + AUDIENCE

2:55 - 3:00

Sketch a simple **LOGO**

3:00 - 3:05