

# WELCOME.



**programming club.**

MONDAYS AND WEDNESDAYS, A157

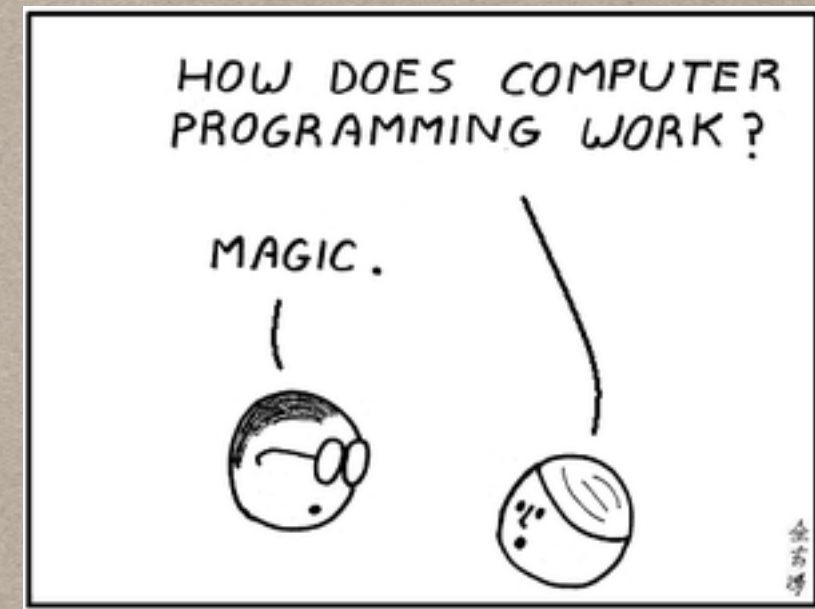


# CLUB LEADERS

- Samuel Escapa; samuel.escapa@gmail.com
- Kevin Huo; rockpopurban@gmail.com
- Dannie Wang; dannie.wang8@gmail.com
- Sean Chen; seanny6@gmail.com



# WHY PROGRAMMING?



*Tiberius  
TiPhone*





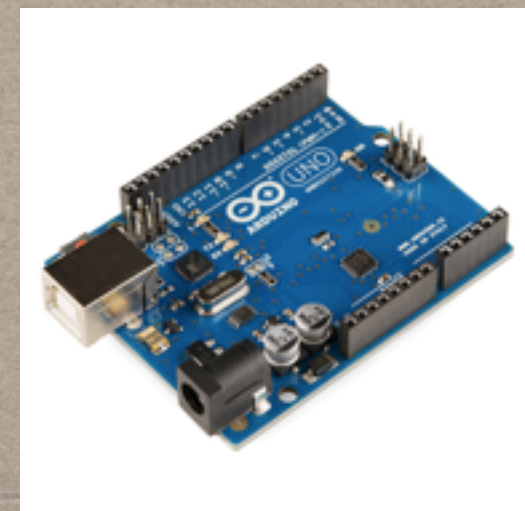
# CURRICULUM

- Web Programming
  - HTML/CSS
  - Javascript
  - Node.js





- AR-Drone 2.0
- Leap Motion
- 2x Arduino Boards
- Hackathons
- Field Trips





# HACKATHONS





# WEEK CYCLES

- 2 meetings per week. Mondays and Wednesdays
- 4 week cycles:
  - 1: ~45 min to 1 hour Workshop
  - 2-3: Project Time
  - 4: Ship Projects, Demos and Presentations



# AR-DRONE DEMO

- Parrot AR-drone 2.0
  - takeoff()
  - right(.1)
  - stop()
  - left(.1)
  - stop()
  - land()
- Cool Commands
  - `client.animate('flipAhead', 1000);`
  - `client.animate('flipLeft', 1000);`
  - `client.animate('flipRight', 1000);`
  - `client.animate('flipBehind', 1000);`
  - `client.animateLeds('blinkRed', 5, 2)`