Logo here.
(Ken hasn't made it yet)

UCL Competitive Programming Society

Season 1: Introduction

Cable of Tontents

- Who **we** are

- What **we** do
  - This is NOT Algorithms 101
  - This is NOT interview prep

- What is Comp**we**titive Programming
  - Pathways
  - Proof

- D~w~**e**mocracy

Who we are

Structural organization

The Trinity

The Committee   **You**   **CP** (legal)

What brings what?

The Committee   **You**   **CP** (legal)

- ~~Dictatorship~~
  Democratic leaders

- Organization

- Experience

- Friendly guidance

- Marketing

What brings what?

The Committee

• ~~Dictatorship~~
Democratic leaders

• Organization

• Experience

• Friendly guidance

• Marketing

You

• Community

• (money to break bad)

• P2P support

• Collective brainpower

CP (legal)

What brings what?

The Committee
- ~~Dictatorship~~ Democratic leaders
- Organization
- Experience
- Friendly guidance
- Marketing

You
- Community
- (money to break bad)
- P2P support
- Collective brainpower

CP (legal)
- Common interest, goal & endeavor
- Brain gym
- Technical training
- Ways to think
- Negative aura
- SUCCESS

Us

- Budget: ####[------------------------------]-20/100
- Experience: [#########################-----] 80/100
- Spirit: [##############################]100/100
- CF Rating: [-----mystery--????--drop-----] ?????

Dear presenter,
It now is time to call your
comrades up to the stage to
show everyone their lovely faces.

Us

- Budget: ####[---------------------------------
- Experience: [#######################----
- Spirit: [###############################
- CF Rating: [------mystery--????--drop--

Us

Democratic leader

- Budget: #
- Experience: ################--
- Spirit: ###################
- CF Rating: ery--????--drop--

Wellbbe ing police

Us

- Budget: #
- Experience:
- Spirit:
- CF Rating:

Wellbbeing police

Social media dude

Democratic leader

Us

- Budget: #
- Experience:
- Spirit:

Whoever this guy is

Wellbbe ing police

Social media dude

Democratic leader

Money person

Whoever this guy is

Wellbbe ing police

Social media dude

Democratic leader

You (after becoming CP enjoyer)

- Insert
- (photo

Free Trip to ......EUROPE

ACCEPTED

2000×2000
Freepik

Jane Stre
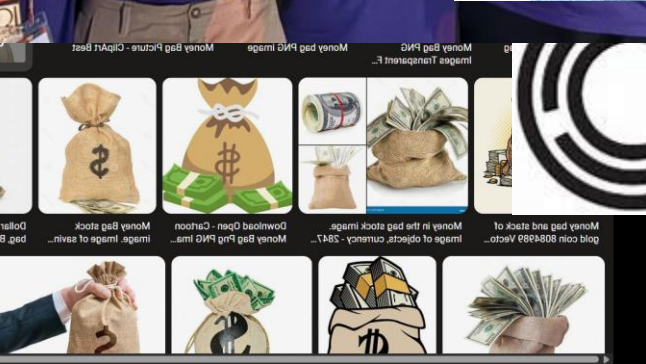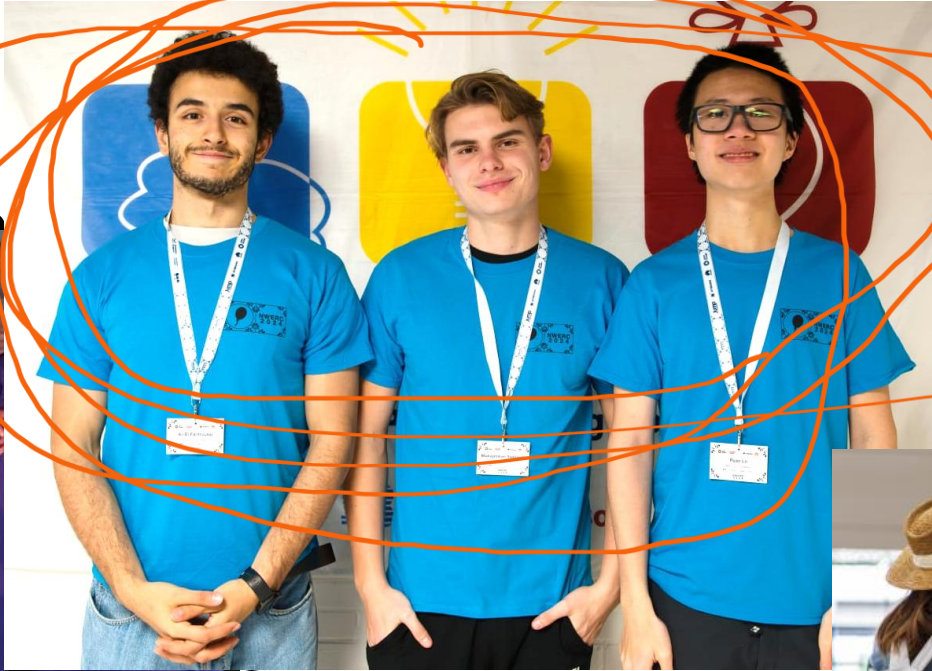
Statistics
on how
cp brings
you
P.H.A.T.
S.T.A.X.

Us + You = Our... shared passion of CP

What does Competitive
Programming look like?
... ill tell you later

Competitive programming
Mind sport

Competitive programming or sport programming is a mind sport involving participants trying to program according to provided specifications. The contests are usually held over the Internet or a local n...

Ze president has ordered the removal of this picture

What we do

Operational goals and non-goals

This is Not "Algorithms 101"

This is Not "Algorithms 101"

- CP is 20% knowledge, 80% experience.
  - Not enough to just "know"
  - Difficulty does not imply complexity (in Algs/DS required)

This is Not "Algorithms 101"

- CP is 20% knowledge, 80% experience.
  - Not enough to just "know"
  - Difficulty does not imply complexity (in Algs/DS required)
- Lots of specialist knowledge around specific competitions
  - Question styles and content sets
  - Formats and rules
  - General approaches to problem solving

This is Not "Algorithms 101"

- CP is 20% knowledge, 80% experience.
  - Not enough to just "know"
  - Difficulty does not imply complexity (in Algs/DS required)
- Lots of specialist knowledge around specific competitions
  - Question styles and content sets
  - Formats and rules
  - General approaches to problem solving
- Algorithms & DS specific to competitive problems

This is Not "Algorithms 101"

- CP is 20% knowledge, 80% experience.
  - Not enough to just "know"
  - Difficulty does not imply complexity (in Algs/DS required)
- Lots of specialist knowledge around specific competitions
  - Question styles and content sets
  - Formats and rules
  - General approaches to problem solving
- Algorithms & DS specific to competitive problems
- Non-algorithmic tricks used in CP

What we do and what we do not do

What we do.

• Tell you you're shit

• Make you join the cult

• Stop you from leaving

• Tell people have a life

What we don't do.

• Socials

• Pizza

• Coke~~ine~~

• CP, the other one

What we do and what we do not do

What we do.
- Introduce you to true sweatiness
- Training for competition
- Training not for competition
- Augment YOUR intelligence
- Make YOU land 20k internships

What we don't do.
- "coding club"
- "how do I add 2 arrays??😳?"
- Leetcode easy

PLEASE PLEASE PLEASE PLEASE NO JAVASCRIPT.... IT IS A FUCKING SCRIPTING LANGUAGE PLEASE PLEASE NO C JUST USE cpp LIKE WHAT

Competitive Programming

In which you will find spiritual enlightenment...

Competitive Programming

In which you will find spiritual enlightenment (and reduced chances of reproductive success).

Destinations

Where could CP bring you?

Not jail, hopefully.

Destinations

ICPC Winner
- Swag 100

Google Intern (no return offer)
- Money 100

Homeless shelter
- You'll still be the smartest person on the street.
- Finally girlfriend?

Pathways

Competitions   **Professional Careers**   **Academic**

Pathways

Competitions   **Professional Careers**   **Academic**

• Regional to Global

• Recognition; swag

• Personal growth

• CV material

Pathways

Competitions
- Regional to Global
- Recognition; swag
- Personal growth
- CV material

Professional Careers
- Tech Interviews
- Enhanced opportunities
- Startup Culture
- Networking

Academic

Pathways

Competitions
- Regional to Global
- Recognition; swag
- Personal growth
- CV material

Professional Careers
- Tech Interviews
- Enhanced opportunities
- Startup Culture
- Networking

Academic
- Research
- Postgrad
- School-level competitions

Pathways

Competitions
- Regional to Global
- Recognition; swag
- Personal growth
- CV material

Professional Careers
- Tech Interviews
- Enhanced opportunities
- Startup Culture
- Networking

Academic
- Research
- Postgrad
- School-level competitions

Democracy time

How should we operate?

Your opinions will be taken as "gentle suggestions".

What do you want?

1. Lectures?

2. Contests?

3. Workshops (practice sessions)?

4. Competition training?

5. Problem design?

6. Personalized assistance?

7. Algorithms module supplement?

8. How to get started with CP?

3170 1615