



Programming Team



Department of Computer Science

FSC Programming Team

- What is the FSC Programming Team?
 - a group of students who work as a team and develop their problem-solving, coding, and communication skills
 - All things that are super helpful in industry and on the job
- Just like colleges & universities have sports and esports teams
 - All good college will have a programming team
 - Students work hard to hopefully make the team
 - Team members practice together and participate in national and international competitions
 - So...on that note...

International Collegiate Programming Contest

■ ACM International Programming Contest

- Sponsored by IBM
- Managed by Baylor University
- Participation (2019 data):
 - **52,709** students from
 - **3,233** universities from
 - **110** different countries
 - [vid from 2019](#)
- This is a HUGE competition!
- This is the WORLD CUP of programming contests!
 - Same format (5 hours, 8 to 12 problems)



FSC Programming Team

- Why should I be on the programming team? Or, what is the benefit of the programming team?
 - Short answer: Why not!!
 - It's ton's of fun!
 - Win prizes, compete with, and against, faculty
 - Build community and comradery with your peers and faculty
 - Learn a lot of super new tricks and techniques
 - Participate in regional and national contests
 - And, as a side effect, you hone the exact same set of skills demanded by software development companies...

FSC Programming Team

- Interested in a career in software development?
- Let's hear from top SE companies and other professionals on how to prepare and rock a Technical Interview:
 - [How to prepare for Microsoft technical interviews](#)
(from Microsoft)
 - [How to Prepare for a Google Engineering Interview](#)
(from Google)
 - [How to prepare for Technical Interviews](#)
 - [How I Passed Coding Interviews at Facebook, Google, Lyft, Bloomberg](#)

FSC Programming Team

- The TOP software development & software engineering companies have all spoken loud and clear as to their wants:
 1. Great problem solvers
 2. Expert at **Data Structures and Algorithms**
 3. Excellent communication ability
 4. Team player, works well with others, etc.
 5. Demonstrated excitement about CS (projects you actively work on)
- That's the extent of what they are looking for during interviews
 - And those are the exact skills we address on the programming team!

FSC Programming Team

- How can I join the FSC Programming Team?
 - Simple: come join the weekly practice!
 - That's it!
 - You wanna join and be on the team? Well, you are on it!
 - So come join our weekly practice session:
 - We meet Fridays at 11:00 am
 - And specifically, this Friday is our Orientation and first team practice

Questions

Any questions?

(easy questions only 😊)

Helpful Links

- Practice competition-style problems:
 - Virtual Judge:
 - <https://vjudge.net>
 - Codeforces:
 - <http://codeforces.com>
 - URI Online Judge:
 - <https://www.urionlinejudge.com.br>
 - Uva Online Judge:
 - <http://uva.onlinejudge.org/>
 - ACM past problems (archive):
 - <http://icpc.baylor.edu/worldfinals/problems>

Websites

- ACM International Programming Contest
 - <http://icpc.baylor.edu>
- FSC Programming Team Website
 - <http://www.inthefuture.com>



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