

AlgoPi



Empowering students to succeed in their careers

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Who are we?

- Competitive programming community (75+ members)
- Software development & Algorithm design

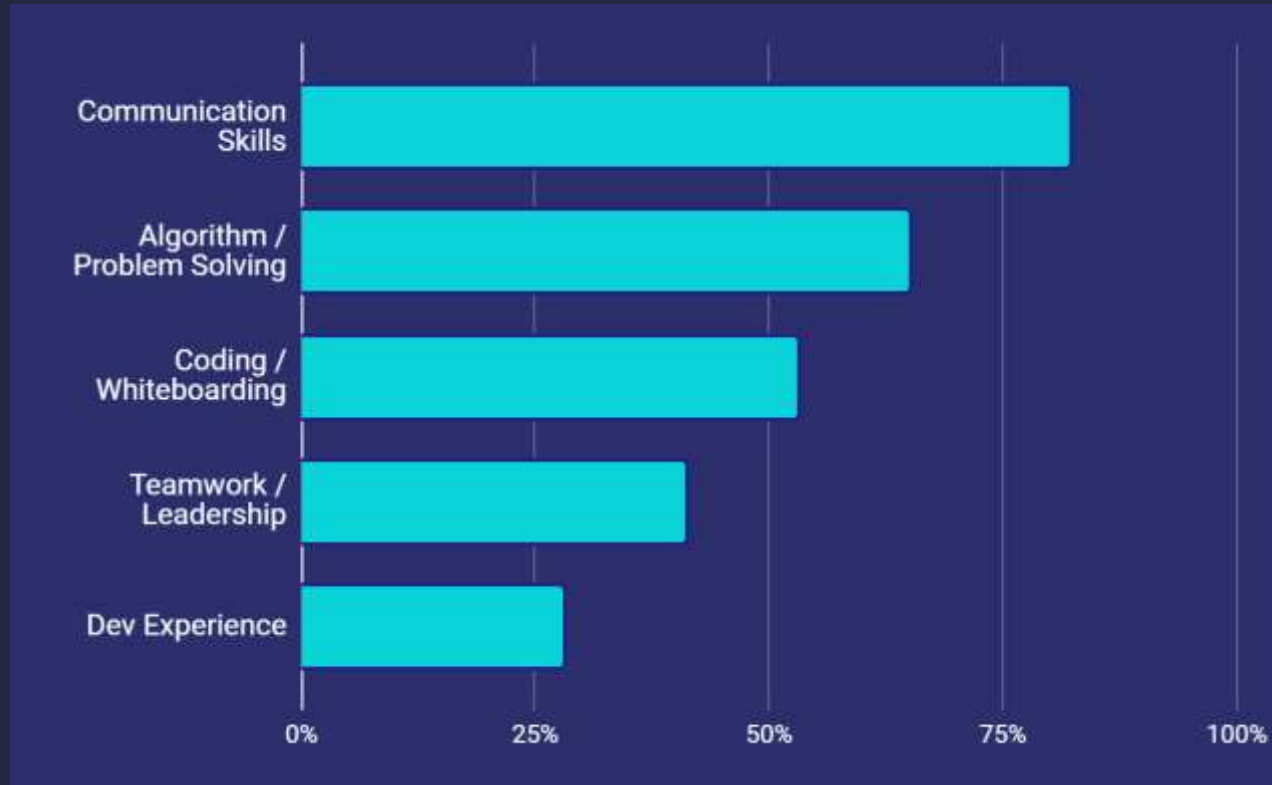


Problem Statement

How can we help IIT CS students develop their problem solving & analysis skills to gain their first career position as a software engineer?



Challenging Aspects of Seeking Early-Career Positions



Solution

- Develop a standardized procedure for effective problem solving + analysis
- Organized, multi-track method of improving skills, including hands-on events
- Community-based feedback system + improvement tips





Status Quo

Brute force method for just solving interview problems

emphasis on results vs process.



Our Solution

- Streamlined learning approach
- Methodical procedure for problem-solving / analysis.
- Emphasis on teamwork and communication

Testing Our Solution

'Prototyping' and testing aspects of our solution:

- Problem of the Week
- Virtual Whiteboarding



Results + Future

Problem of the Week + Whiteboarding

- Problem of the Week: Success
- Whiteboarding Event: Failure

Future

- Grow as a community on campus and host in person activities
- Develop concrete roadmap to help IIT students

Thanks!

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