Yogesh Haribhau Kulkarni • You
AI Advisor (Helping organizations in their AI journeys) | PhD (Geometric Modeling) | Tech Colum...
now •

💭 Looking at the challenges faced by freshers trying to break into the IT industry, I felt it was time to reiterate the thoughts I shared a year ago (post below). The situation seems even more relevant today.

Renowned minds in tech have echoed similar concerns. Geoffrey Hinton, the 'Father of AI', recently made a striking observation that advances in AI (IMO, especially the code assistants) are rapidly shrinking entry-level opportunities in tech.

His advice? Don't overlook traditional, hands-on careers. Somewhat jokingly, he suggested plumbing as a future-proof profession. Why? Because it's physical, practical, and rooted in real-world problem-solving. These are things that are hard to automate or outsource.

Obviously, Hinton's message isn't just about plumbing. It's a reminder to stay adaptable, broaden our skills in the physical domain, and rethink what career resilience truly looks like in an AI-driven world. 🚀

#FutureOfWork #AIImpact #CareerAdvice #Freshers #TechCareers #Resilience #AIRevolution #JobMarket #GeoffreyHinton #LinkedInInsights #Adaptability #Upskilling

Yogesh Haribhau Kulkarni • You
AI Advisor (Helping organizations in their AI journeys) | PhD (Geometric Modeling) | Tech Columnist...
1yr •

I've been talking to many students (and their parents) who have cleared their engineering entrance exams, about choosing the right branch and college. My views are a bit unconventional, so take them with a grain of salt. Here they are:

🔧 Selecting the Branch
I categorize branches (for simplicity) into:

➡️ Virtual Branches: #ComputerScience, #InformationTechnology, #ArtificialIntelligence, #MachineLearning, #DataScience

➡️ Physical Branches: #Mechanical, #Manufacturing, #Electronics, #Electrical, #Chemical, #Aerospace

📌 Avoid 'Virtual' branches unless you're strongly passionate about them:

➡️ The demand for lucrative jobs in these fields is decreasing due to advancements in AI.

➡️ Oversupply of CS (#ComputerScience) students is diluting their market value.

➡️ Scholarships for Masters in these fields are relatively less common.

➡️ Even if you choose a different branch (say a 'Physical' branch) , you'll/can still study Programming, DSA (#DataStructuresAlgorithms), AI (#ArtificialIntelligence), and ML (#MachineLearning), making you eligible for software/ML jobs. But not vice versa, right?

➡️ 'Physical' branches may not offer astronomical salaries, but they promise a more robust and sustainable career, IMO.

🎓 Selecting the College

🏫 Reputation and brand matter more than the branch:

➡️ A reputable college offers a strong ecosystem: bright peers, an alumni network, and lifelong pride.

➡️ Be flexible with the branch if you get into a prestigious college, but don't choose a branch you dislike. So, have a negative-branch list, to be avoided.

Ultimately, the decision is yours, but just my two cents...

BTW, to give a personal example, my daughter chose Electronics at a reasonably reputed college. Just FYI.

#Engineering #CareerAdvice #CollegeSelection #FutureProof #STEM