

Accessible Computer Science Education Ideas

Social Media Cluster

A social account (such as twitter) that posts educational infographics about computers and computer science. daily.

A website dedicated to creating viral challenges. These challenges would be easy for the average comp. sci. student. Similar to LeetCode.

Livestream on accessible platforms such as TikTok or YouTube hosting Q&A.

Mircolearning social media account (TikTok, YT Shorts, Instagram Reels) that posts short bites of information in the form of videos daily.

A public social media campaign that asks people to make short videos about various questions each week. Ex. #internetstories stories about their experiences with the internet.

Club/Organization Cluster

University club dedicated to educating all majors about computers. It could hold public events around campus.

Public organization that meets at the local library and holds short informational sessions weekly.

National organization that meets weekly online (Zoom..etc) to inform and Q&A.

Hosting open computer repair workshops at local schools or universities that donate repaired machines to less fortunate members of the community.

Community Outreach Cluster

Ask local businesses to host “micro-internship” programs that teach and provide basic experience to students, teachers, and the community.

A mobile computer lab that visits less fortunate areas for people to learn and access the internet.

Business Cluster

Internet based business that provides courses and certification in various computer skills.

Technology cafe that provides computer resources for a cost. Hosts educational programs daily as a bonus for consumers.

A paid program that hosts semi-difficult challenges for users to learn and build their skills as they complete them. (HackTheBox / TryHackMe equivalent)

Consulting business dedicated to helping small businesses learn and improve their technical capabilities.

Education Reform Cluster

Campaign local school boards to increase computer literacy education. Also increase incentive to create clubs at these schools.

Campaign state congress to pass state legislation raising the level of computer literacy education required for public institutions.

Campaign for congress to form a state “congressional computer education caucas” that advocates for better computer education.

Campaign for state congress to require public schools to educate students about AI literacy.

Campaign local school districts to certify teachers in tech and related fields.