Certainly! In the context of technology, a **stud** refers to a type of **fastener** with no head, featuring external threads on both ends. When connecting, one end is screwed into a part with an internal thread hole, while the other end passes through a part with a through-hole. [A nut is then used to firmly connect the two parts into a whole1](https://www.cnclathing.com/guide/what-is-a-stud-in-mechanical-engineering-types-of-stud-fasteners).

Now, let’s explore **five free tech learning resources** where you can enhance your skills:

1. **AI Singapore Student Outreach Programme**: Launched in July 2022, this program promotes AI literacy and proficiency among students. It consists of three levels, equipping participants with programming skills and practical experience in AI projects. [Completion of each level earns an industry-recognized certificate, and level three participants receive the Google professional machine learning engineer certificate](https://www.cnclathing.com/guide/what-is-a-stud-in-mechanical-engineering-types-of-stud-fasteners)[2](https://www.tech.gov.sg/media/technews/new-year-new-tech-skills).
2. **SkillsFuture@NS Learning eXperience Platform**: Designed for full-time national servicemen (NSFs), this platform offers free unlimited access to over 75,000 online courses across various categories. Skills include Python programming, machine learning, management training, and digital photography. [Some courses can also be used for credit exemptions at institutes of higher learning](https://www.cnclathing.com/guide/what-is-a-stud-in-mechanical-engineering-types-of-stud-fasteners)[2](https://www.tech.gov.sg/media/technews/new-year-new-tech-skills).
3. **Coursera**: Coursera, a pioneer in massive open online courses, provides many free courses. [Some are from renowned universities, covering topics like machine learning, game theory, COVID-19 contact tracing, and more](https://www.cnclathing.com/guide/what-is-a-stud-in-mechanical-engineering-types-of-stud-fasteners)[2](https://www.tech.gov.sg/media/technews/new-year-new-tech-skills).
4. **General Assembly**: While General Assembly offers paid courses, they also provide free workshops and events. These cover various tech-related topics, including web development, data science, and user experience design. [Keep an eye out for their free offerings](https://www.cnclathing.com/guide/what-is-a-stud-in-mechanical-engineering-types-of-stud-fasteners)[2](https://www.tech.gov.sg/media/technews/new-year-new-tech-skills).
5. **Explore and Expand Your Knowledge**: Beyond formal platforms, explore blogs, YouTube channels, and tech forums. Engage with the tech community, read articles, and participate in discussions. [Learning from real-world experiences and sharing knowledge can be invaluable](https://www.cnclathing.com/guide/what-is-a-stud-in-mechanical-engineering-types-of-stud-fasteners)[2](https://www.tech.gov.sg/media/technews/new-year-new-tech-skills).

Remember, these resources can help you build a strong foundation and stay updated in the ever-evolving tech landscape. Happy learning! 🌟👩‍💻📚