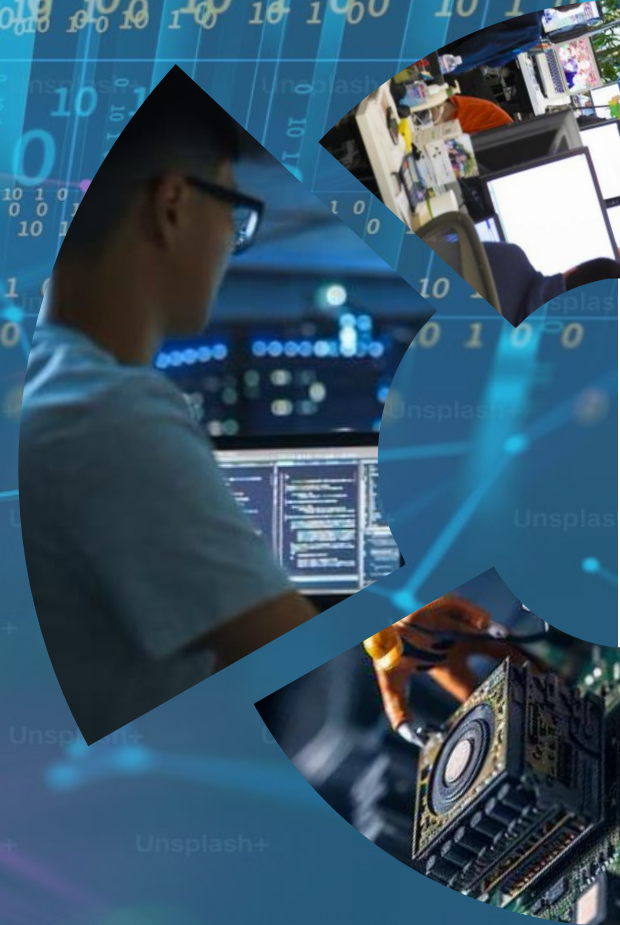# Computer Science as a Discipline

Computer Science as a Discipline

Computer Science as a Discipline

- Computer science is a branch of the study of computers; it is a broad spectrum of other topics such as algorithms, mathematics, and engineering.

- Computer Science is an interconnected field with subjects in mathematics, theories, philosophies, and engineering connected into a single field, it was annexed by two major organizations to make a new curriculum which is: ACM (Association of Computing Machinery) and IEEE (Institute of Electrical and Electronics Engineers).

Computer Engineering

- It is a discipline that has computer science, and electrical engineering as studies inside the discipline, they are the ones to design, construct, implement, and maintain software, and hardware components, and people who solve technical systems.

Information Systems

- It is the field of discipline embedded with Information Technology, intending to integrate both technology and humans into an organization, the aim of IS, is to manage and distribute information, and communication services in an organization with IT infrastructure to support it.

- In short it is a social system.

Information Technology

- Information Technology on the other hand focuses on maintaining, and creating applications for the IS needs

- A discipline that consists of networking, network security, web, and application development.

Software Engineering

- It is a discipline mainly software-wise, development, testing, and maintenance of software applications.

- It also applies engineering principles creating solutions for end users.

Getting to Know You!

- Miraña, Nathaniel Edzel P.
- Elementary: Pusok Elementary School
- Junior High School: Saint Joseph School of Mactan
- Senior High School: University of Cebu Lapu-Lapu Mandaue
- Why did I take BSIT as my Program?

The reason is that I like computers, and I have some experience in programming, but not that much, mainly I got it from my Senior High School, I might as well use that knowledge of what I already know, and further hone it to be useful not just for me, but to the people that I will work with in the future.

Analysis/Reaction

Computer Science is a big field of study, with each major field under it working specific yet interconnected jobs, especially IS, and IT fields are always connected or related to each other, there is no environment without those two, and they are always in tandem to create solutions, and maintaining infrastructure inside an organization. Computer Science isn't just a single discipline with only computer/technology infrastructure in mind, it also tackles human behavior to fit the technology they are making, and it is a fascinating topic that I research.

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