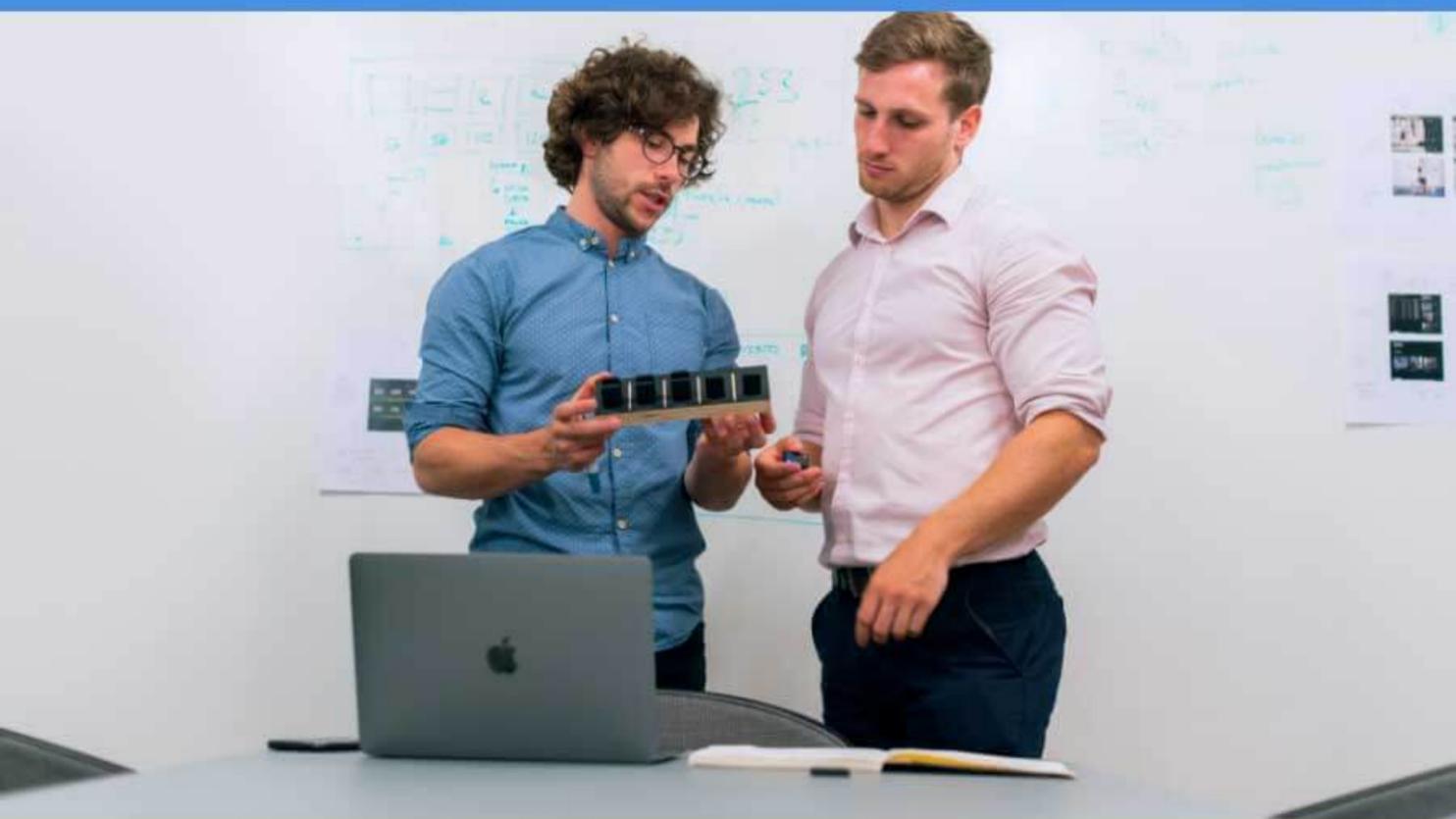# Computer Engineering vs Computer Science

#1. Definition

Computer Engineering

Computer engineering aims on developing better components that operate in tandem to build and use the products which we imply every day.

Computer Science

Computer science aims on developing an efficient algorithm and compact programs.

#2. Required Skills

Computer Engineering

Developing integrated microprocessors and circuits. Analyzing the circumstances of electronic devices of physical phenomenon, creation of effective components and computing devices, computer architecture designing.

Computer Science

Creating effective algorithm, finding optimal solutions, efficient data management, designing effective software, management of software development projects, analyzing computational theory, executing code with maximum quality, proficiency in languages and programming.

#3. Available Jobs

Computer Engineering

The available jobs based on computer engineering is aimed at physical systems which enables digital technologies. The graduates of computer engineering can apply for an electrical design engineer, embedded software engineer, network engineer or hardware engineer.

Computer Science

Few potential jobs for graduates in the degree of computer science that involves database administrator, web developer, software developer, project manager.

#4. Courses

Computer Engineering

A degree in computer engineering focuses on computer architecture, physics, and electronics. It aims to solve problems in designing the hardware and software interfaces.

Computer Science

A computer science degree aims at the theory of languages, computations, and programming environments. The computer is focused on detecting any issues on the software level, and it expects the students to learn a variety of programming languages to work on operating systems and maintenance of database.