

ANAND



Immrrse

experience your path

NAME: TEJASDEEP SINGH

CLASS: _____

PIN NO.: 754659936



COMPUTER TECHNOLOGY

THE IMMRSE EXPERIENCE



Congratulations on completing Virtual Internship Program™ (VIP). Your Career Immrse Report is now ready to give you a clear understanding of your compatibility with your custom filtered, shortlisted and chosen career options.

This highly reliable and accurate report about your potential competence in your chosen professions is scientifically designed by integrating advanced technology and in-depth research data related to career assessment.

Developed by our team of highly experienced psychologists, psychometrics, researchers and leading industry professionals in India, your Career Immrse Experience is the most unique and all-encompassing process of arriving at a clear-cut, sharply defined career choice decision. It is the only career guidance program in the country which identifies and acknowledges that experience is the greatest teacher across all professions.

Through our Virtual Internship Program™ (VIP), you engaged in an immersive, hands-on experience of practical, on-the-job realities of your chosen career options. In this simulated internship experience, you were oriented & guided by top industry professionals and leaders. Such experience is vital towards making a precise career path decision with absolute confidence, conviction and clarity of mind.

Your Career Immorse Report is computed on the basis of your on-the-job performance at the time of the VIP™. This report is a deeply insightful tool which highlights your professional compatibility and competence in your chosen career options. We encourage you to carefully reflect upon this report to develop a thoroughly informed, scientifically accurate as well as deeply passionate career choice.



YOUR CHOSEN CAREER OPTION

COMPUTER TECHNOLOGY

Computer Science/Engineering can be defined as the discipline in which students learn to develop the technology behind technology. Professionals in computer technology design, create and manage the technology which runs our everyday tech like mobile phones, computers, apps, and websites. They also work in advanced tech arenas like aerospace and robotics.

Through the course of the academic curriculum, students are trained in both, computer hardware as well as software. This field demands a passion for technology and innovation.

SOFTWARE, HARDWARE & I.T. ENGINEERING:

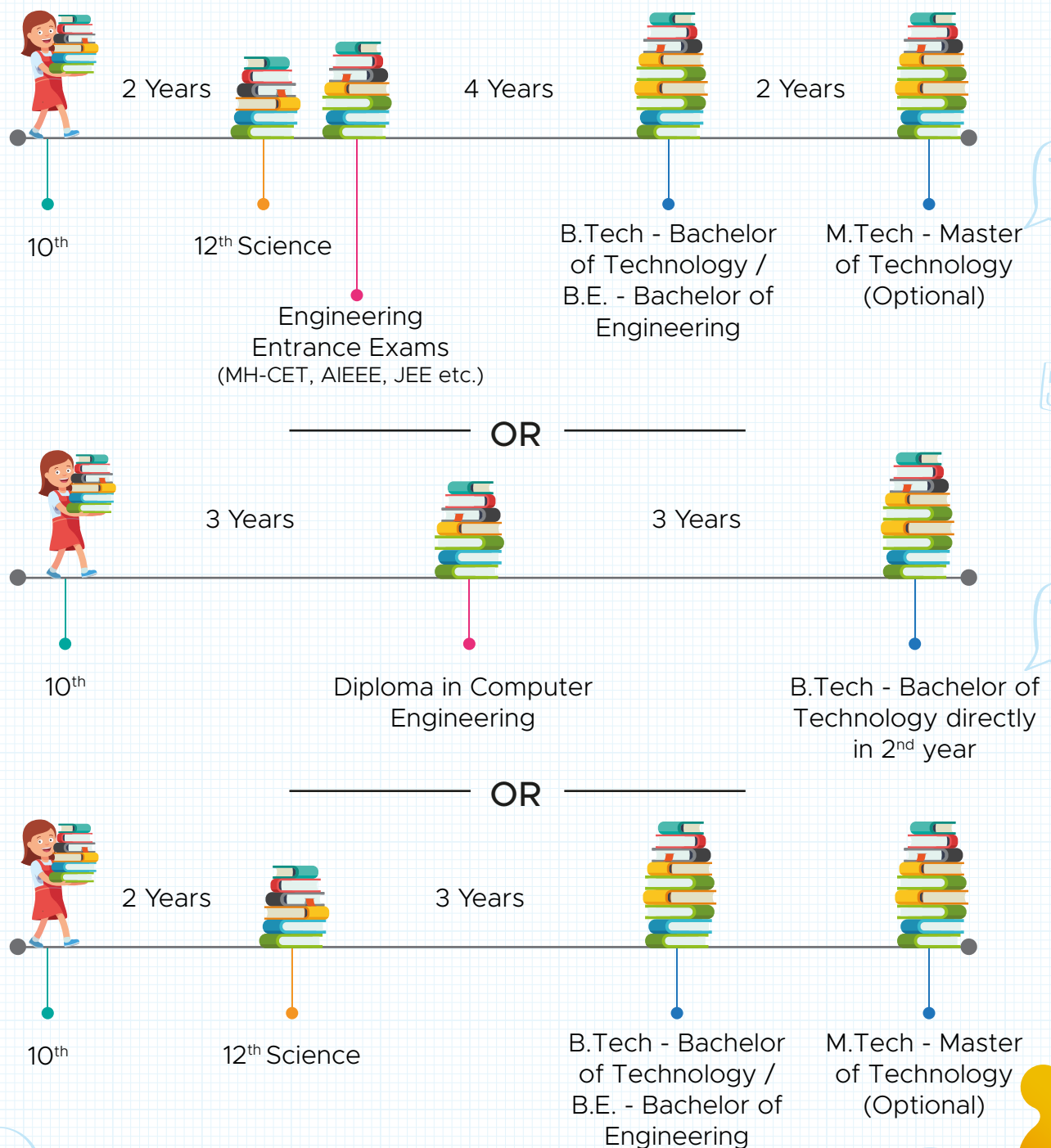
- Software engineering is a discipline wherein the engineers develop complex software programs. Software engineers are proficient in languages like PHP, .NET, and C, which are languages used to communicate with computers.
- Hardware engineering is focused on research, design, develop, and testing of computer systems and components such as processors, circuit boards, memory devices, networks, and routers.
- Information Technology (I.T.) engineers help to meet their employer's needs for computer hardware, software and networking tools. They work to develop, test, install, configure and troubleshoot computer hardware and software.

INDUSTRY SCOPE

Computing has become and is advancing as an integral aspect of almost every field, from agriculture to aerospace. With ongoing technological advancements and increasing government funding in technology projects, the Computer Engineering Market is expected to reach USD 2.5 trillion by 2024; according to a 2018 research report by Global Market Insights, Inc.

Avenues such as Artificial Intelligence. Machine learning and Robotics are emerging as the next generation of employment opportunities within this field. It is estimated that automation and robots will replace several manually performed jobs across multiple industries. It is such newly developing avenues which will have a high demand for future Computer Engineers entering the market.

EDUCATIONAL PATH



PLACEMENT

The industry placements for Computer Engineers can be classified into the following categories:

MNCS/LARGE CORPORATIONS

Multinational & Large Corporations offer the opportunity to be a part of large teams, and work on large scale projects. While exposure to multiple platforms is mostly limited, large corporations provide a high job security.

STARTUPS

Computer Engineers who land placements in startup companies will mostly work on a smaller scale of projects. The advantage of working in startups is that it offers the engineer to work on a wider programming domain and on a diverse range of platforms.

CONSULTATION

Computer Engineers may be employed as IT consultants for a firm, company or business.

FREELANCER

A computer engineer may also work as a freelancer, working directly with the client and delivering the requirements.

WORK PROFILE

A computer engineer may find job profiles in the following departments:

DESIGN

- Designer
- Developer
- Computer Network architect

CODING

- Programmer

TESTING

- Tester

MANAGEMENT

- Network Administrator
- Database Administrator
- System Analyst
- Business Analyst
- Project Manager

**There are various departments and job profiles for Computer Engineers at different stages of their careers. The above list is not an exhaustive list of such profiles, but a reference shortlist of common job profiles.*

ENTRY-LEVEL SALARY

Salaries are subjective to a wide range of factors such as:

- Candidate's competence & financial needs
- Job responsibilities
- Size of the employing corporation
- Fresher employment policies
- Location - city/country
- Current economic conditions

As of today's overall scenario in India, an approximate entry level salary can be rounded to about Rs. 3 - 6 lakhs per annum. However, depending on the above listed and other factors, each candidate's entry level salary may vary significantly.

CAREER IMMRSE REPORT

Every profession demands a unique mix of intrinsic or developed qualities in an individual. Individual qualities are divided into two categories: Left Brain Qualities and Right Brain Qualities. Brain mapping studies by scientists categorize the functions of the human brain into these two halves or hemispheres. The left brain carries out analytical and methodical functions of thinking while the right brain processes creative, innovative and artistic functions. Each individual has a unique natural mix of left brain and right brain qualities. Certain qualities can be developed further through focused training.

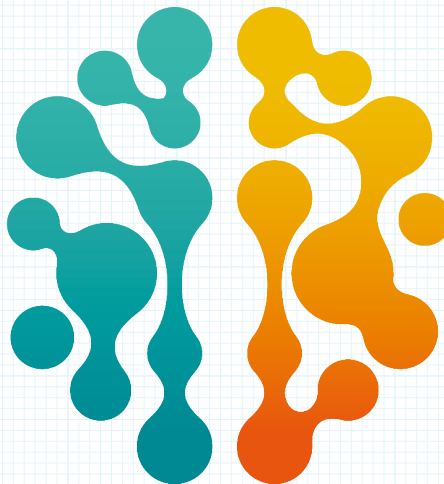
The following is an assessment of your estimated compatibility for the field of Computer Engineering. This assessment is derived from computing the student's performance in the Virtual Internship

LEFT BRAIN

100%

Qualities for Comp Eng.

- Analytical Skills
- Problem Responsivity
- Reading Comprehension
- Detail Orientation
- Writing Skills



RIGHT BRAIN

100%

Qualities for Comp Eng.

- Visual Orientation

Your left brain quality is impressive! Capitalize on your strength.

Your right brain quality is impressive! Capitalize on your strength.

** Please keep in mind that the above report is not a static and/or constant evaluation of your brain qualities. Every person has a unique mix of strong and weak qualities, which are constantly evolving. By applying strategic training methods, your mind can be trained to improve its functioning in a specific quality.*

PROFESSION COMPATIBILITY ANALYSIS

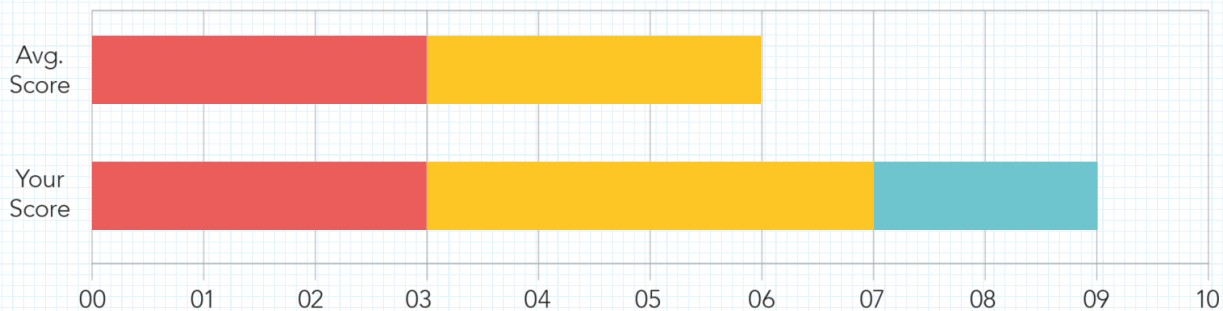
1. ANALYTICAL SKILLS

Analytical skills refers to the process of using a rational, systematic series of steps based on sound mathematical procedures and given statements to arrive at a conclusion. For example, you use your brain's analytical skills function when you work on geometric proofs, or when you solve a rubik's cube.

Computer technology professionals need strong analytical skills to create codes and programs as per the requirements of the project or the client. It is by application of analytical skills that computer technology professionals are able to create technological systems and solutions.

PERFORMANCE REPORT:

Based on the computing of your performance in the Virtual Internship Program, the following is an assessment of your strength in Analytical Skills:



Above graph shows Analytical skills Performance graph

HOW TO STRENGTHEN YOUR BRAIN'S ANALYTICAL SKILLS

- Analytical skills is a vast subject. Read about the topic. Begin with reading internet articles and progress to reading a couple of books.
- Take a course. You may join classes or sign up for an online course. Finding relevant apps may also be useful.

- There are several online practice tests for analytical skills. Take these tests and try to gradually improve your performance.
- Learn the computer language "C". It offers a structured style of programming.
- Develop programs that test your mind skills. For example, write a program to find the max, min and average of total numbers entered by the user.
- Solve logic puzzles in the newspaper. Playing games like chess and rubik's cube will also help enhance analytical skills.
- Physical exercises, meditation and mindfulness practices boost the overall performance of the brain and will help strengthen your analytical skills. Strive to incorporate these activities into your day-to-day routine.

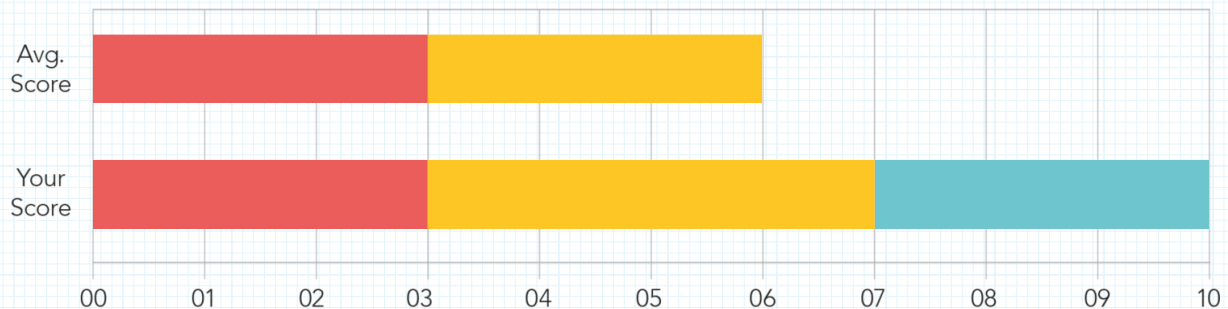
2. PROBLEM RESPONSIVITY

Problem responsivity is strong in an individual who has strong attentiveness, memory and analytical qualities. It refers to a professional's ability to tell when something is wrong or the ability to predict that something is likely to go wrong.

Professionals in computer technology are required to be able to analyse, identify and detect minute problems from extremely large programs, software, system networks and hardware components. In several situations, experts in computer technology may only have the task to recognize the problem but not necessarily to solve it.

PERFORMANCE REPORT:

Based on the computing of your performance in the Virtual Internship Program, the following is an assessment of your strength in Problem Responsivity:



Above graph shows Problem responsivity Performance graph

HOW TO STRENGTHEN YOUR BRAIN'S PROBLEM RESPONSIVITY

- Try to repair a malfunctioning PC or laptop. Identify whether there is a hardware problem or software issue. Read about the problem and find solutions.
- Practice coding and develop programs. Inevitably, there will be errors which will need problem responsivity.
- Develop self-critique habits. Write a journal to jot down the problems in your life. Make a thorough list of the problem people, the external factors as well as the internal factors - your own ways of thinking, your habits and your own choices which create unpleasantness in your life.

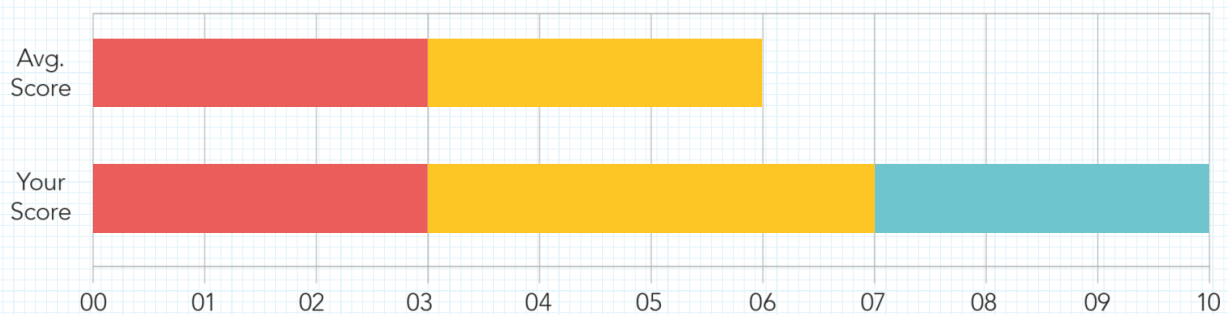
3. READING COMPREHENSION

Reading comprehension is the ability to process text, understand its meaning, and to integrate it with what the reader already knows. The computer science/engineering curriculum requires students to process large volumes of textbooks and apply such theoretical knowledge into practical applications.

Computer technology professionals must not only read several codes and technical languages, but also constantly upgrade their knowledge by in-depth reading about latest technological advancements.

PERFORMANCE REPORT:

Based on the computing of your performance in the Virtual Internship Program, the following is an assessment of your strength in Reading Comprehension:



Above graph shows Reading Comprehension Performance graph

HOW TO STRENGTHEN YOUR BRAIN'S READING COMPREHENSION

There are several in-depth online articles which give information about enhancing reading comprehension. A simple google search will lead to many relevant results. Some of the methods include:

- Evaluate your current reading comprehension
- Improve your vocabulary
- Read for study as well as for pleasure
- Use techniques like summarization, reading aloud, re-reading and skim reading

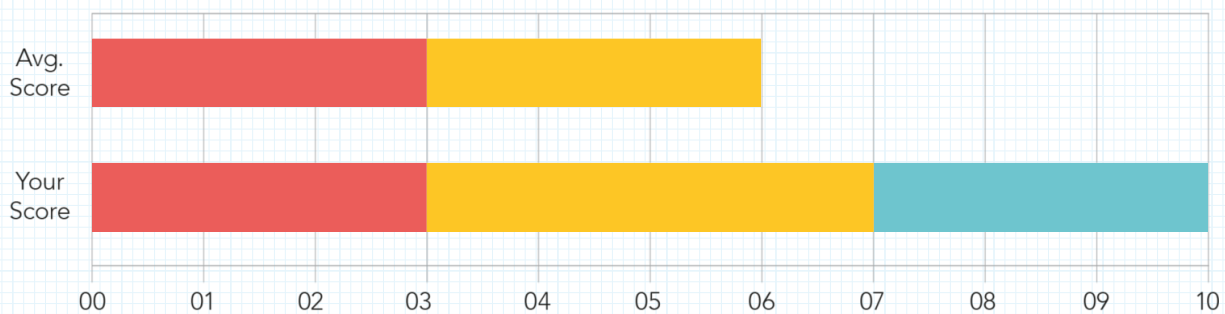
4. DETAIL ORIENTATION

The quality of detail orientation is the trait which defines a very close attention to the several small parts and systems that constitute the bigger picture. The field of computer technology requires detail oriented professionals who tend to be observant, organized, and have the quality of understanding causes rather than just witnessing effects of a given situation.

The job profile of computer technology professionals may demand paying close attention to every single hardware component in a large system network. Or it may require them to create, review, analyze or modify complex software programs which involves meticulous coding with precise ordering of information.

PERFORMANCE REPORT:

Based on the computing of your performance in the Virtual Internship Program, the following is an assessment of your strength in Detail Orientation:



Above graph shows Detail Orientation Performance graph

HOW TO STRENGTHEN YOUR BRAIN'S DETAIL ORIENTATION

- Practice coding and develop programs.
- Use programming to create databases. For example, create a database to record information about residents in a residential complex.
- Developing an advanced level proficiency in MS Excel is highly recommended.
- Develop organization habits in your daily lifestyle - organize your room, books, wardrobe, kitchen, etc. Create a methodical system of organization. For example, organize your books by categories, and in alphabetical order.

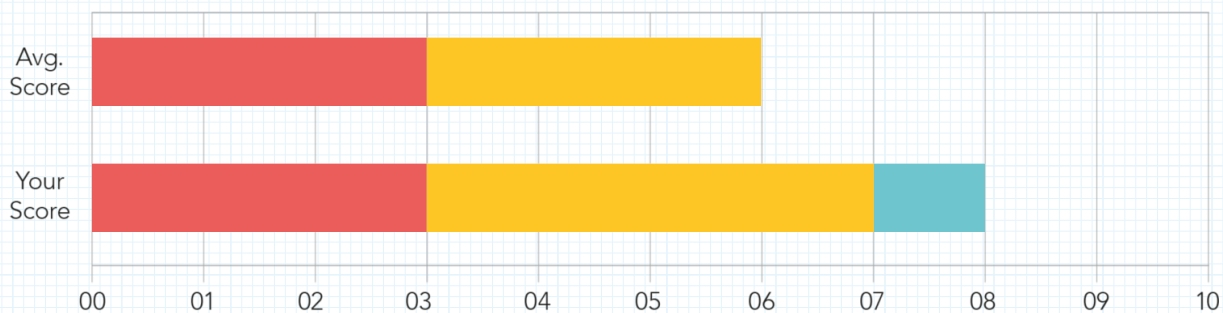
5. WRITING SKILLS

Writing skills refers to the quality of articulately and clearly communicating information in writing, so readers can grasp the expressed ideas with precision.

The field of computer technology generally entails work environments where a lot of information such as requirements, problems, possible solutions, task updates, etc. need to be clearly communicated with team members and clients through written emails. Also, computer technology professionals need to be able to write codes in programming languages which are used to communicate clearly and precisely with computers.

PERFORMANCE REPORT:

Based on the computing of your performance in the Virtual Internship Program, the following is an assessment of your strength in Writing skills:



Above graph shows Writing skills Performance graph

HOW TO STRENGTHEN YOUR BRAIN'S WRITING SKILLS

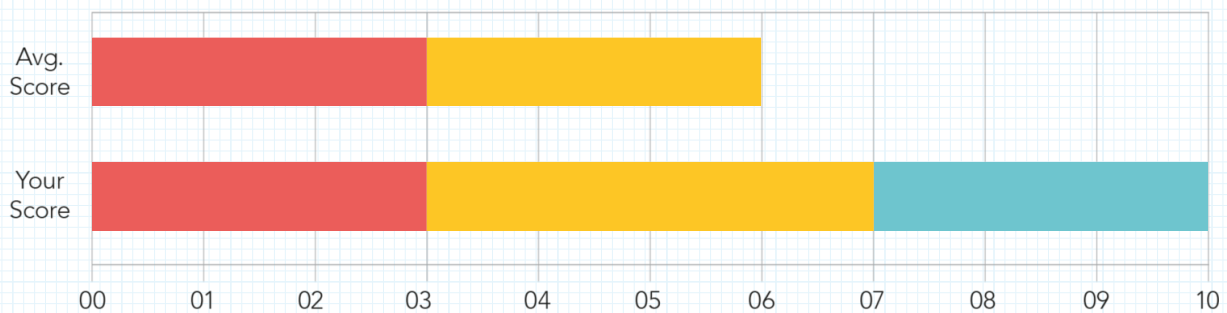
- Brush up your basic english grammar, if it's needed. Taking classes is recommended in this case because you will learn best and fastest with personal attention from an expert.
- Write daily about thoughts which occur in your mind or observations you make. It's not an assignment or a project. Write freely without any judgement and expectation.
- Team up with a friend as writing partners. Write together or write to each other. You may write stories, letters, memories from your past, events in your daily life, movie reviews, etc.

6. VISUAL ORIENTATION

Visual orientation refers to strong visual attentiveness and analytical qualities. It is the brain quality with which computer technology professionals are able to see details at a close range of any object and tell whether something is wrong. They work with hardware components and systems which may need to be manually assembled, repaired and handled. On the software front, they read and analyze lengthy codes for developing programs. As such, computer technology professionals are extremely attentive with their visual cognizance to deal with hardware and software related tasks.

PERFORMANCE REPORT:

Based on the computing of your performance in the Virtual Internship Program, the following is an assessment of your strength in Visual Orientation:

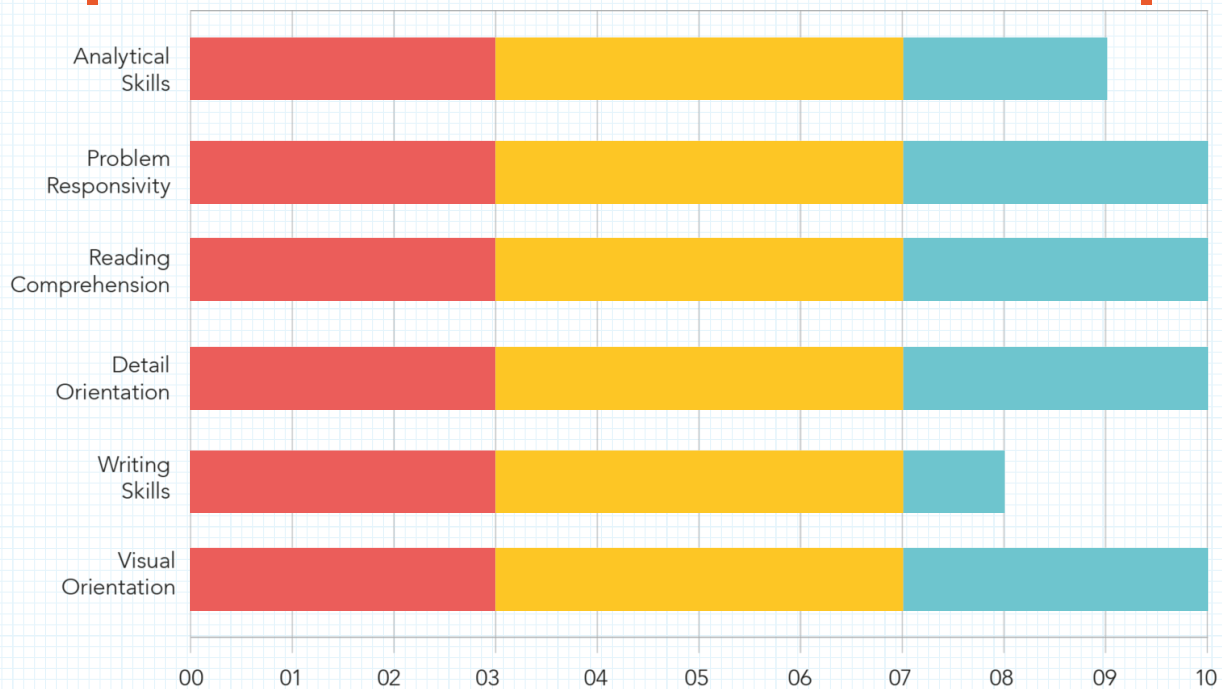


Above graph shows Visual Orientation Performance graph

HOW TO STRENGTHEN YOUR BRAIN'S VISUAL ORIENTATION

- Play visual puzzles in the newspaper, in books, and those available in stores or online
- Practice observation exercises such as observing everything around you. For example, if at home, make detailed notes of what you observe on the walls, floor, ceiling, on the table, etc. Repeat such exercises frequently in the same space as well as different spaces. Pay close attention to detail and compare the differences in your observations of the same space at different times.

PROFESSIONAL COMPETENCE ANALYSIS



1-3 : BELOW AVERAGE, 4-7 : AVERAGE, 8-10 : ABOVE AVERAGE.

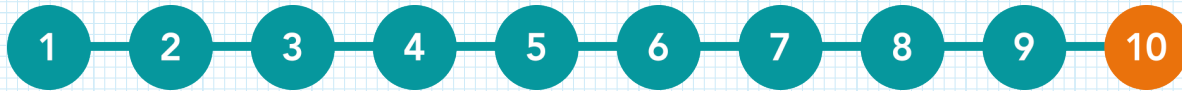
The above Professional Competence Analysis is a scientifically computed measure of your brain's Analytical skills, Problem Responsivity, Reading Comprehension, Detail Orientation, Writing Skills and Visual Orientation.

Based on your Profession Compatibility and Professional Competence Analysis, your Career Immorse Grade in the profession of Computer Technology is:

HYPER IMMORSIVE

Your competence in the field of Computer Engineering is impressive! We encourage you to consider pursuing Computer Engineering for your career. Your intrinsic strengths align significantly with this profession and you should focus on nourishing your skills, qualities and talents further. However, if you are unsure of your interest in this field, please do not rush into a decision. Take time for further research. Keep in mind that there are several other career options to choose from, and multiple professional options always align with every individual's competence.

INTEREST LEVEL



At Immorse, we emphasize on the importance of being deeply interested in the career path you choose for yourself. Studies have proven that being interested in a topic is a mental resource that enhances learning, which then leads to better performance and achievement.

Based on your responses regarding the various tasks you performed in the VIP[™], your Interest Level in the field of Computer Engineering is 10. This Interest Level is rated on a scale of 1 to 10, with 10 being the highest.