

# IT0010 – Computational Thinking and 21st Century Skills

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## Self-Guided Activity Report

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## **Activity 1 Identifying your Self-concept**

Completed date – [26.05.2023]

Hi, I am Sakith. I always feel-good while being silent but, I like to spend my leisure time with my peers and friends those who encourage, support and help me in every situation. Although some of my peers and surrounding human beings thinks that I am an introvert. I really don't know why they are thinking like this. But I always think good about others and focus only on their positive and never sort out their negatives.

I always think this is one of my best qualities. Because of this quality I got most valuable relationship with them. An important lesson I got to know was my hidden talents. I also get to know about how to react and behave with others. Also, I had beautiful memories with them. Talking Silly things and unbreakable secrets make my mind free. I feel good at this because making conversation free with each other without any limits can lead a good relationship. Being good with others also can be helpful to lead interpersonal skills.

## Activity2 Creating your Resume

Completed date – [26.05.2023]



# MOHAMED SAKITH MN

*Undergraduate*

### PROFILE

InformationTechnology student.

I consider my self a motivative and positive person.


I am looking foward for my first work experience.

### CONTACT ME

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### ➤ EDUCATION

#### **SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY**

BSC (HONS) IN INFORMATION TECHNOLOGY  
SPECIALISING IN SOFTWARE ENGINEERING

#### **ZAHIRA COLLEGE KALMUNAI**

GCE(A/L)-Faculty of Technology.

### ➤ LANGUAGE

Tamil-Native

Sinhala-Proficiency

English-Proficiency

### ➤ COMPUTER SKILLS

MS Office.

Visual Studio Code

HTML

### ➤ VOLUNTEER EXPERIENCE

#### **ZAHIRA COLLEGE KALMUNAI**

Participation in student forum as  
"President" in national school.

## **Activity3 Learning how to be safe on the internet**

**Completed date- [31.05.2023]**

Now a days in human life the computer has brought a lot of changes in the way of doing simple tasks and made human life easier. Its use in many fields like business, e-commerce and communication. If we talk about the major advantage of computers, it is the Internet. The Internet is the human's successful invention. For human's it has made to do a lot of things quickly and effortlessly. For example, people can contact and communicate with anyone in the world, and also, sitting at home, they can purchase, and they can also earn money. but just it has made easier, also it comes with the security issue that your data can be easily misused, everything you have is digital and can be misuse if security is compromised, but also there are ways through we can protect our self from these kinds of flaws.

There are also laws which protects this kind of computer issues. Prevention of Electronic Crimes Act, 2016 which deals with the computer improper use cases. It is illegal to copy someone's data without the person's approval whether it's in form of literature work, source code, pictures or an application. When a person tries to steal your data is liable for criminal charges. As this is improper use of network technology and computer it doesn't just break the Copyright law as well as Prevention of Electronic Crimes Act, because when the intention of a person was to steal by copying someone's private data by using the Internet or through an external device then it comes under the copyright law. The Internet is a best source for gathering different types of data and has a lot of benefits, but having all these facilities it also has drawbacks. As the Internet has useful things it also has some bad things like vulgarity or obscenity type of material, which is accessible through the Internet, these materials are being stored in the electronic form, and can be access able through devices like smart phones, tablets and computers. So, the adult child can easily access. These obscene materials have high risk damage the future of young generation, but the law says it is a crime to produce and distribute vulgar material that is not good for the youth who are below age of 18.

We all know that there are many services and facilities of the Internet which help users to communicate with the world by using services like social media, applications, emails and more. Email is a service that facilitate user but also there are many cases of fraud by fake identity where a person pretends to be someone professional but at the end user is deceived In online harassment the victim gets frighten by the person and putting him/her in terror by giving threats that will misuse personal details of him/her such that he or she gets mentally stressed and try to self-harm.

There are many laws which provides protection to every user of the Internet from criminals who uses network to harm the users, also the users should take some steps to make entities that instruct the organizations who enforce the law, that how to inquiry those crimes which is related to the Internet and deal in effective way.

### Activity3 Academic Information Seeking

Completed date- [31.05.2023]

A key theme in user-centred information retrieval research has been the investigation of the choices users make when searching: what terms they choose, how many, and which

other features (e.g. phrase search or Boolean logic) they naturally use.

One immediate distinction that can be made between users is their level of experience, in terms of either interactive search or the subject domain. Lucas and Topi

found that experienced, trained searchers use more query terms and exploit Boolean

logic more frequently [10]. Hsieh-Yee [7] and Wildemuth [17] studied the impact of

domain knowledge; they found that underlying search skills have a more significant

effect on query formation than domain knowledge.

The overall picture from studies of choice patterns within user queries, particularly on the web (e.g. [8]), has been that users use few terms and seldom employ Boolean

logic or other advanced search criteria. The consistent picture of interactive search is

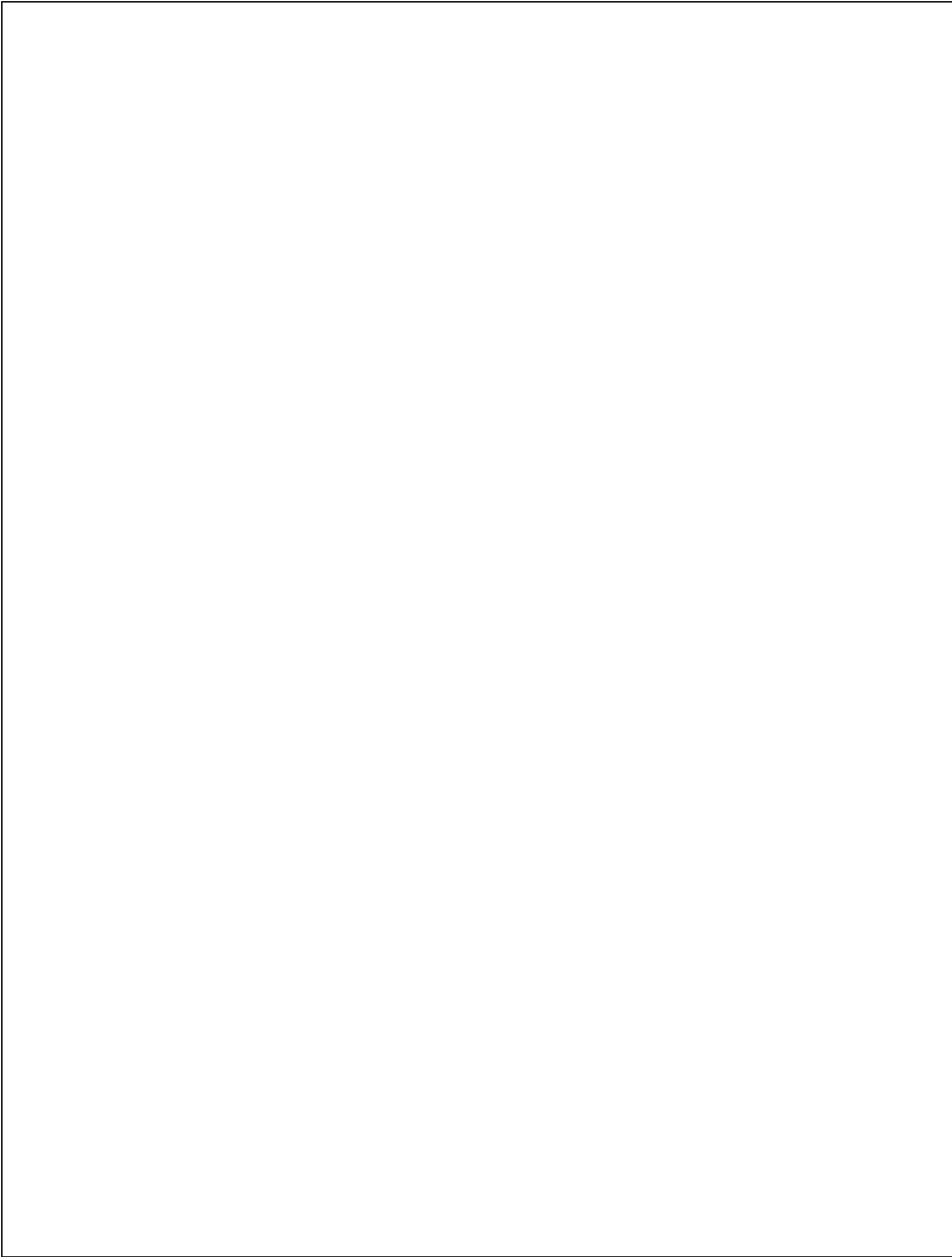
that few expert searchers exist, and most seekers use simple two or three term queries.

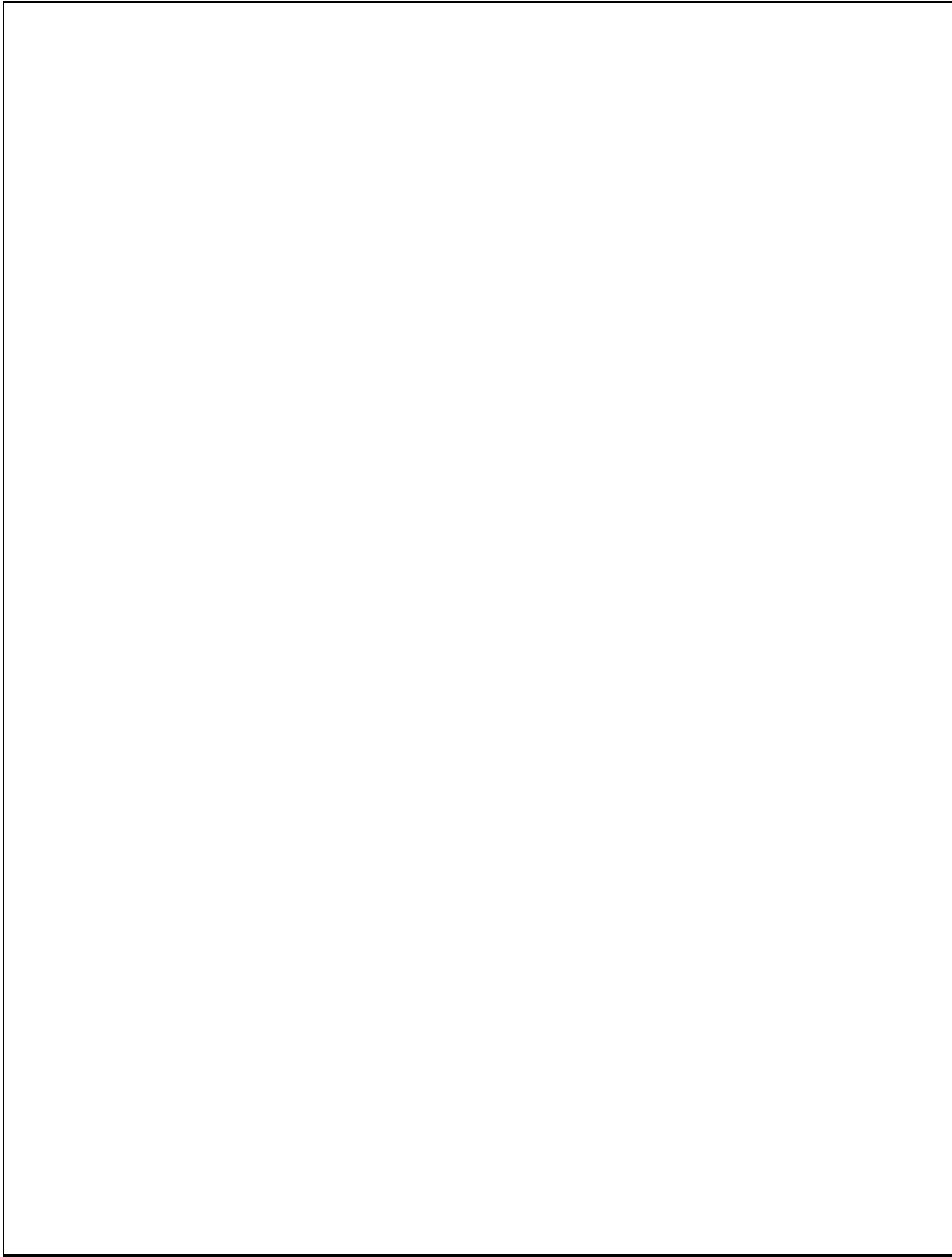
In addition to studies of users' behaviour when engaged in interactive search, other researchers have investigated the broader patterns of users' information seeking strategies. One key models is that of Ellis [5,6], who identifies actions such as *Starting*,

where the seeker identifies initial sources of information, and *Chaining*, where references are followed forwards or backwards to extend the scope of the covered area.

In Ellis' model, users may move from one action to another and no order is assumed.

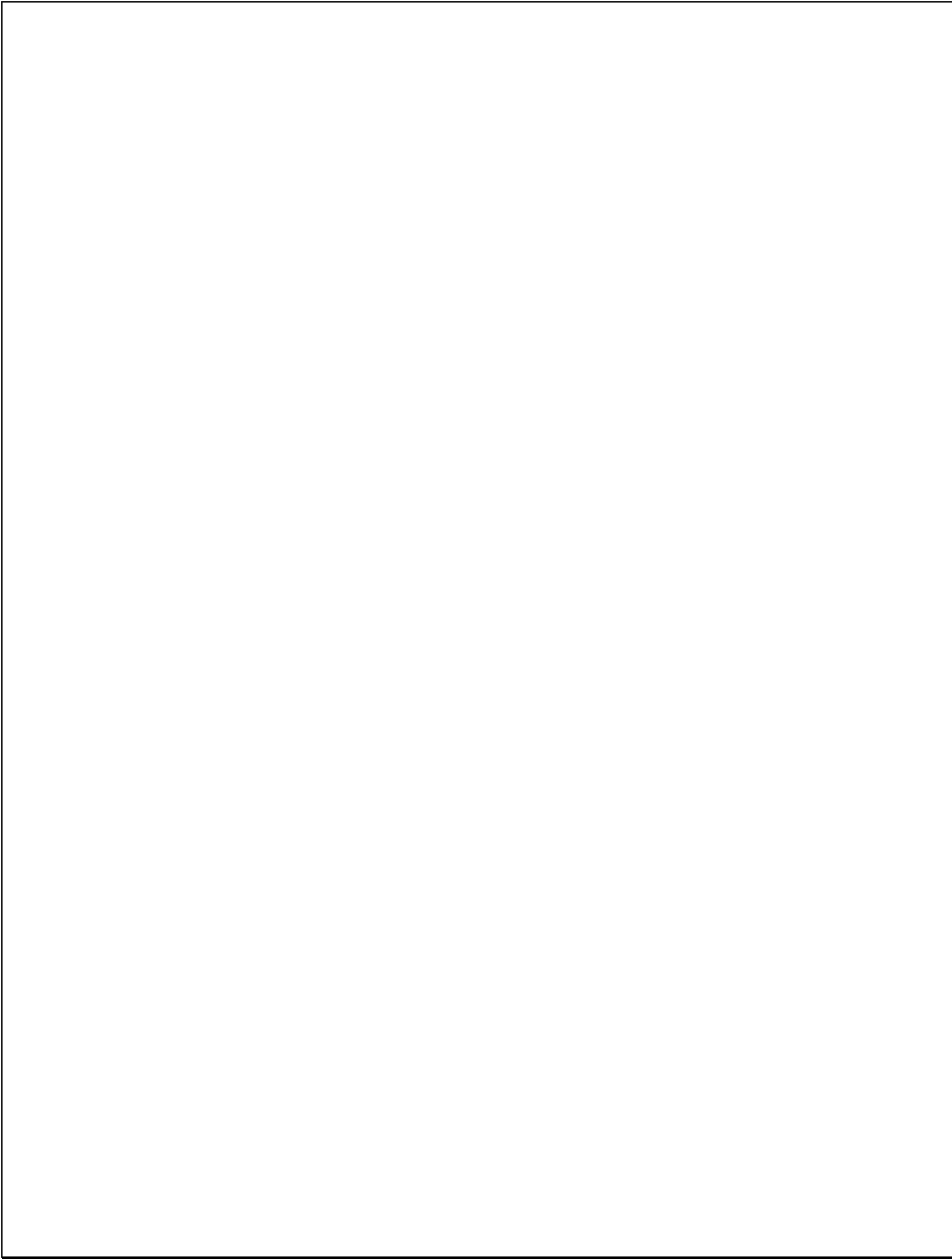
Below, we relate our findings to the work of Ellis.





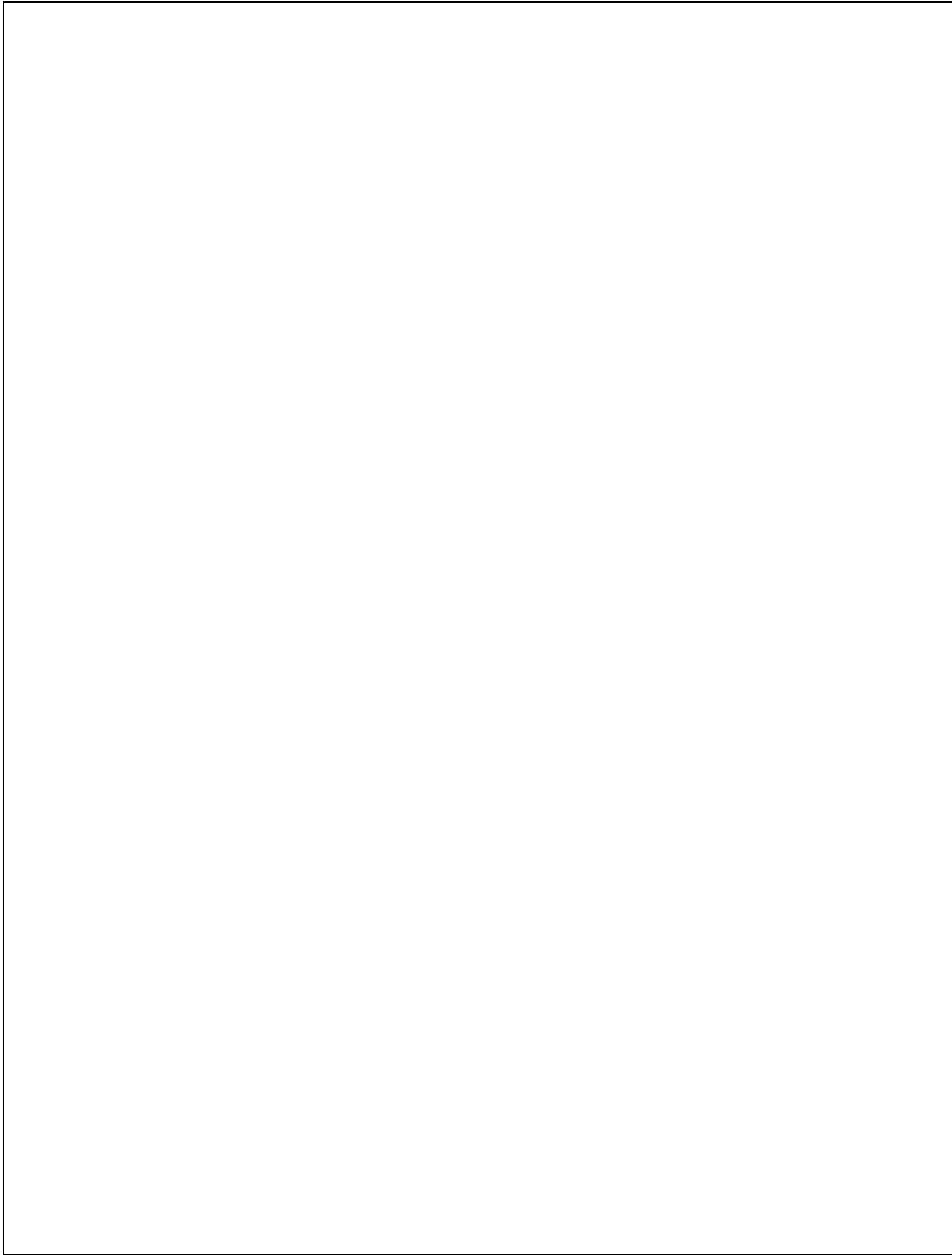












## REFERENCES

Activity 1- <https://www.coursesidekick.com/business/study-guides/buswriting/self-concept-and-dimensions-of-self>

Activity 2- <https://www.coursera.org/learn/how-to-write-a-resume>

Activity 3- <https://edubirdie.com/examples/essay-about-internet-safety/>

Activity 4-