

UNIVERSITY PARTNER



## **Academic Skills and Team-based Learning (4CI018)**

### **Report Writing (Final Report)**

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**Group: L4CG4**

**Lecturer: Mr. Manish Deuja**

**Word Count: 3365**

**Submitted on: 2023/02/12.**

## **Acknowledgement**

I want to express my gratitude to Wolverhampton university and Herald College Kathmandu for providing me with the fantastic opportunity to finish this coursework. I also want to thank my professors for giving me the information and direction I needed to finish this report. Their priceless insights and motivation were necessary for getting the job done. In addition, I appreciate and thank my classmates for their encouragement and sincere criticism throughout this journey. Their recommendations and insights played a crucial role in figuring out how this report turned out in the end.

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**1. Link to Weekly blogs:** <https://naomi738.wordpress.com>

**2. Link to Video Statement:**

[https://drive.google.com/file/d/1\\_FaysPubdfgGBJqx71go77dwDm4InXUA/view?usp=drive\\_web&authuser=0](https://drive.google.com/file/d/1_FaysPubdfgGBJqx71go77dwDm4InXUA/view?usp=drive_web&authuser=0)

### **3. Week 8 Report Writing Acknowledgment**

I owe a huge debt of gratitude to Herald College and Wolverhampton University for giving me the chance to finish this coursework. The study compares the credentials of graduates from the University of Wolverhampton and other Nepali universities, with a focus on the abilities that make Wolverhampton graduates better suited for a particular position at the reputable IT company Himalayan IT Solutions.

### **3.1 Introduction**

#### **3.1.1 Herald College Kathmandu (HCK)**

- Herald College Kathmandu is regarded as one of Nepal's most prestigious private universities. It is well-known for its excellent administrative and training staff. HCK has a long history of educational excellence and is widely regarded as a top choice for students looking for a high-quality education. The university supplies undergraduate and graduate programs in areas such as business, engineering, and computer science. Qualified and experienced instructors instruct this program. Internships and other firsthand learning opportunities are provided by the university in collaboration with several local and international organizations. Herald College Kathmandu provides students with a variety of extracurricular activities and opportunities, such as sports teams, clubs, and libraries, in addition to academic programs. (Herald College Kathmandu, 2023)

#### **3.1.2 University of Wolverhampton (WLV)**

- The University of Wolverhampton was founded in 1835. The university conducts applied research and collaborated with several regional and national organizations. IT-related courses are offered for both undergraduate and graduate students in this university. Students can specialize in areas like artificial intelligence, human-computer interaction, or web development. The university also offers research-based programs

like MPhil and Ph.D. in Computer Science, allowing students to delve deeper into specific areas of interest in IT. (University of Wolverhampton, 2023)

### **3.1.3 Himalayan IT Solutions**

- Himalayan IT Solutions is a Nepal-based IT company that offers a variety of IT services to clients all over the world. Software development, web design and development, and IT consulting are among the services offered by the company. Software development, web design and development, and IT consulting are among the services offered by the company. Himalayan IT Solutions is a skilled and dependable IT company that offers a wide range of high-quality IT services to customers all over the world. The company is well-positioned to aid its clients in achieving their business goals, thanks to a team of experienced IT professionals and a reputation for excellent customer service. (Himalayan IT solution , 2023)

## **3.2. Discussion**

### **3.2.1 Distinctions between Herald College Kathmandu (HCK) and other local colleges in Nepal**

- There are many distinctions between HCK and local Nepalese colleges. One of the most notable distinctions is that Kathmandu Herald College is internationally affiliated, while many of Nepal's local universities are not. This distinction is significant because universities and employers accept Herald College Kathmandu's diplomas and transcripts all over the world, while local universities in Nepal may have difficulty recognizing students' diplomas outside of Nepal. This contrast is significant because it implies that Herald College Kathmandu can provide a more diverse and rich educational experience, allowing students to interact with people from various backgrounds and cultures. Few other differences varying on different terms are explained below:

### **3.2.2.: In terms of Skill Orientation**

- The graduates of Herald College Kathmandu are well-known for their engineering and management abilities. They supply a wide range of courses in computer science, electronics, civil engineering, and business administration, among other things. Herald College Kathmandu is well-known for supplying a solid foundation in fundamental computer science concepts such as programming, data structures, algorithms, and databases. Specialized courses in software engineering, network engineering, and cybersecurity are also provided by HCK.
- Local Nepalese universities, on the other hand, may have less developed IT departments and a lesser emphasis on providing students with direct experience through internships and projects.

### **3.2.3.: In terms of teaching method**

- HCK's teaching combines traditional classroom lectures with interactive learning methods such as group work, problem-based learning, and direct projects. Innovative teaching aids such as multimedia and digital tools, as well as interactive whiteboards are used to enhance the learning experience.
- Local universities in Nepal, on the other hand, uses a more traditional teaching method, with an emphasis on classroom lectures and rote memorization. These universities do not have the same resources and ability as Herald College Kathmandu, and they do not provide opportunities for firsthand learning and interaction with industry experts.

### **3.2.4.: In terms of Curriculum**

- The syllabus is regularly updated to keep you up to date on the latest trends and technologies in the field. In addition to the curriculum, Herald College Kathmandu provides students with the opportunity to gain practical experience through internships and projects, allowing them to develop their skills and prepare for the job market. The university is connected to the IT industry and receives regular visits from IT

professionals seeking industry insights. When compared to Nepalese universities, Herald College Kathmandu has an advantage in terms of competency orientation in the IT sector.

- On the other hand, local Nepalese colleges have less modernized curricula, less industry exposure, or underdeveloped facilities than Herald College. Curriculum may be out of date and out of step with industry demands.

### **3.2.5.: In terms of study Credit-hours**

- The IT department at Herald College Kathmandu complies to the semester and credit hours systems popular in United Kingdom.
- While the local colleges in Nepal, imposes completely different credit hour requirements on their IT programs, and their curricula and facilities are not as up to date and tailored to industry needs as Herald College.

### **3.2.6.: In terms of Internship**

- Herald College Kathmandu is known for its IT faculty internships, which allow students to gain direct experience through internships and projects. This assists students in honing their skills and preparing for the job market. Many HCK graduates are hired by the companies where they did their interns.
- When compared to Nepalese universities, internship availability may vary. Some local universities provide students with direct experience through internships and projects, but their resources, facilities, and industry connections may not be as developed as Herald College Kathmandu. There is one. Some local universities have few industry connections or do not have a dedicated career development department to help with internships.

### **3.2.7.: In terms of Communities**

- Herald College Kathmandu outperforms Nepal's local colleges. The university has a vibrant student community, with several student-run clubs and organizations focusing on various areas of computer science and information technology. These clubs and



organizations provide students with opportunities to develop skills, network with peers, and connect with industry professionals. Many of these clubs' host events and workshops that help to supply added knowledge and learning opportunities. Some of the communities in HCK are: Ethical HCK, UI-vision, Idea City, and many more. - While in the local colleges in Nepal have fewer student-run computer science and information technology clubs and organizations, giving students fewer opportunities to network with peers and connect with industry professionals.

### **3.2.8.: In terms of Events and extracurricular activities**

- Herald College Kathmandu has an upper hand over other Nepalese college. Workshops, seminars, hackathons, and other competitions are held on a regular basis at the university as extracurricular activities. These events allow students to learn new skills, network with peers and industry professionals, and display their abilities. In addition, the university hosts regular guest lectures, industry visits, and collaborations with a variety of IT firms.
- Events and extracurricular activities are infrequent or inconsistent. There may not be lots of opportunities for students to take part in extracurricular activities and events at rural colleges in Nepal, or they may not be organized on a regular basis.

### **3.3. Course Structure of IT or computer science in Herald College Kathmandu (HCK)**

## 3.3.1.:

Year 1	Year 2	Year 3
Computational Mathematics		+
Fundamentals of Computing		+
Internet Software Architecture		+
Academic Skills and Team-Based Learning		+
Embedded System Programming		+
Introductory Programming And Problem Solving		+

*Figure 1: Year 1 course structure*

## 3.3.2.:

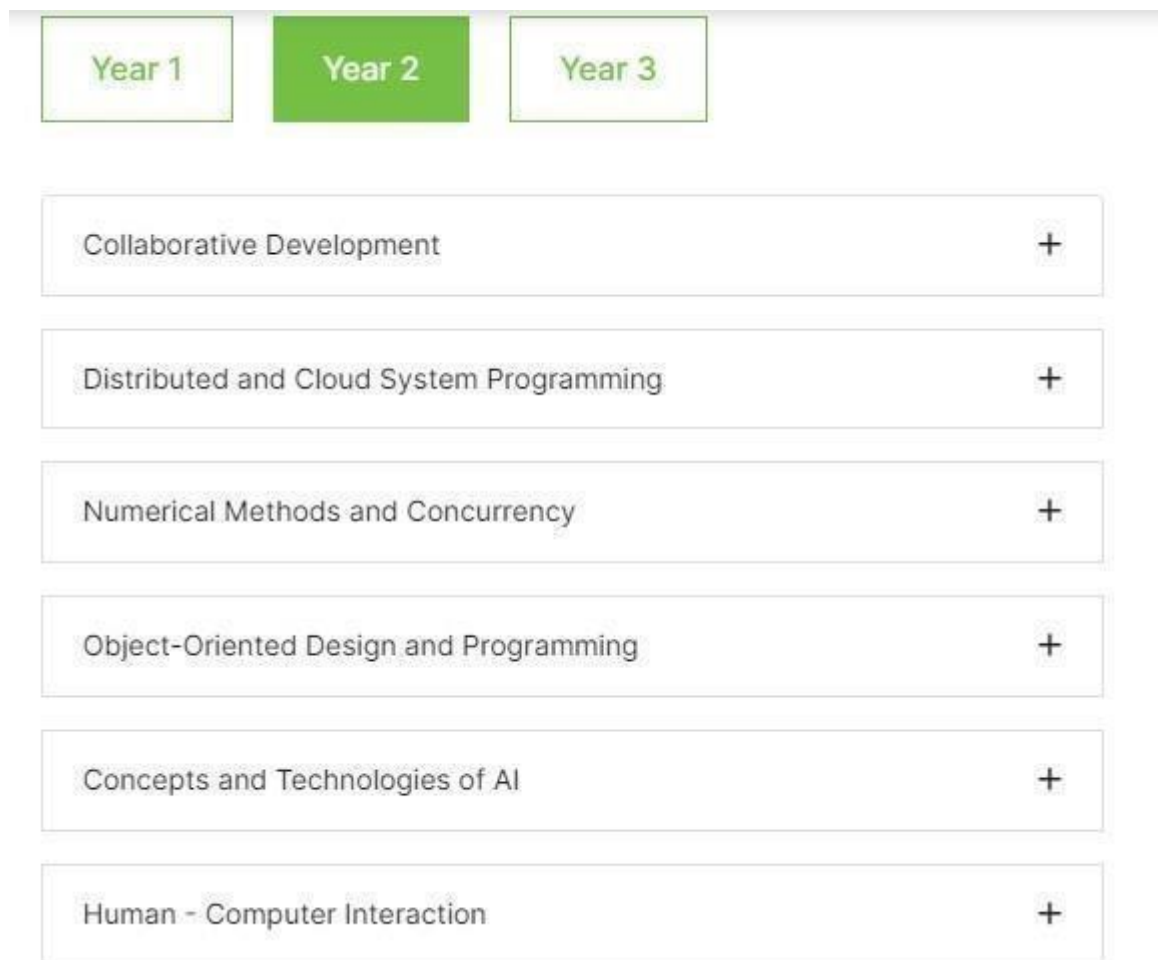


Figure 2: Year 2 course structure

3.3.3.:

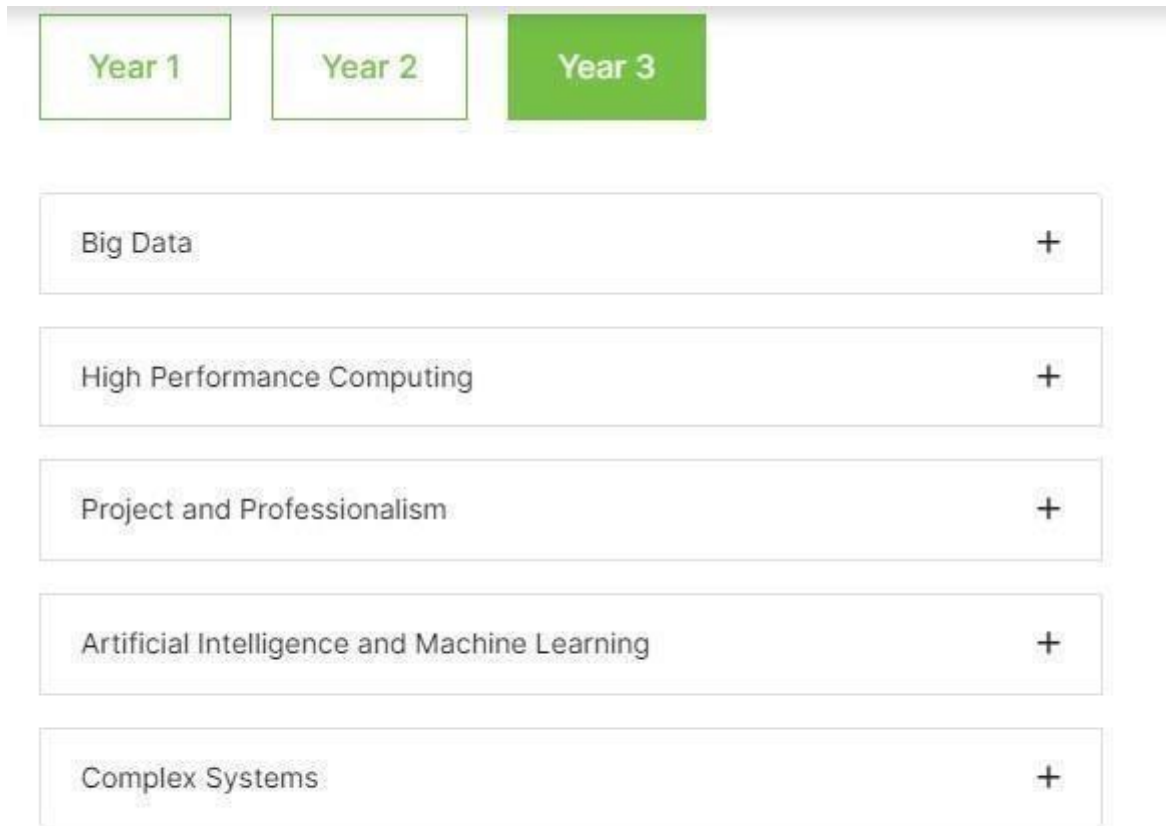


Figure 3: Year 3 course structure

### 3.4. Review on Himalayan IT solutions company

- Himalaya IT Solutions Company employs a team of skilled and knowledgeable IT professionals who specialize in software development, web design and development, and IT consulting. Custom software solutions for platforms such as Windows, Linux, and macOS, as well as database integration, are among the company's software development services. The web design and development services for the company include developing responsive and user-friendly websites with a variety of web technologies. This company has experience with popular content management systems such as WordPress and Joomla, as well as ability in developing his websites using technologies such as HTML, CSS, JavaScript, PHP, Python, SQL, and C#. Other IT services offered by this company include digital marketing, mobile app development, cloud computing, and IT support. They have a team of highly skilled and experienced

IT professionals who can deliver quality solutions to meet the business needs of our clients.

### **3.5. Interrelationship between HCK course and corporate task**

- Herald College Kathmandu's Software Engineering and Web Development course equips students with the skills and knowledge needed to develop and support software systems and websites, which is a necessary task in many corporate settings. Similarly, network engineering and cybersecurity courses teach students the skills and knowledge needed to design, implement, and secure network systems, which is an important task in today's corporate environment. The college is also linked to some IT industry, and IT professionals pay regular visits to gain industry insights. This allows students to better their understanding current industry trends and needs and tailor their education accordingly.

### **3.6. Conclusion**

- To sum up everything that has been said, we encourage organizations to adopt computer science courses graduated from Herald College Kathmandu by understanding the business needs of companies as well as the skills and competencies of computer science course graduates. Their technical and applicable skills are best suited to support the company's future business goals and are more likely to have a significant impact on their role as a graduate program participant.

### **3.7. Reference**

Herald College Kathmandu, 2023. *Herald College Kathmandu*. [Online] Available at: <https://heraldcollege.edu.np/> [Accessed Thursday January 2023].

Himalayan IT solution , 2023. *Himalayan IT solution*. [Online] Available at: <http://himalayanit.com.np/> [Accessed Thursday January 2023].

University of Wolverhampton, 2023. *University of Wolverhampton*. [Online] Available at: <https://www.wlv.ac.uk/> [Accessed Thursday January 2023].

## **4. Professionalism Task**

### **4.1 Curriculum Vitae**



# NAOMI THING

Student

## PROFILE

Computer Science student. I consider myself a responsible and orderly person. I am looking forward for my first work experience.

## CONTACT ME



9855077131



naomi.thing777@gmail.com



Dillibazaar,  
Kathmandu

My linkedin: <https://www.linkedin.com/feed/>

## ➤ EDUCATION

SEE LEVEL:

Solidarity International Academy

GPA: 3.1

HIGH SCHOOL LEVEL:

Hetauda School of Management

GPA: 2.62&2.65

## ➤ LANGUAGE

Nepali

English

## ➤ COMPUTER SKILLS

Java Programming

Designing

Slide presentation.

## ➤ HOBBIES:

CODING


DESIGNING

RESEARCHING

Figure 4: CV

## 4.2 Cover Letter:

### NAOMI THING

:[naomi.thing777@gmail.com](mailto:naomi.thing777@gmail.com) : +977-9855077131  : Dili bazaar, Kathmandu 28th December 2022

Mr. Rubin Baraily

Himalayan JAVA Coffee

Kosi Zone, Nepal [info@himalyanjava.com](mailto:info@himalyanjava.com) Dear  
Mr. Rubin Baraily

I am writing to Himalayan JAVA coffee to let them know how interested I am in the barista employment. I am confident in my ability to provide value to your staff as a highly skilled and customer-focused individual with knowledge in the industry of food and beverages.

I had working experience as a barista at my earlier workplace which was "Grace Cafe" in Hetauda, where I got the necessity of supplying good customer service and keeping the workplace tidy and organized. In this position, I was in charge of making a range of hot and cold beverages, serving them to customers, and responding to their inquiries. Thanks to my ability to multitask and perform well under pressure, I have been successful in challenging environments like packed coffee shops. I have a desire for studying new brewing methods and coffee bean varieties, and I am an expert at using commercial coffee equipment. My high diligence and knowledge of inventory management have enabled me to precisely track and replenish supplies. I am interested in your company because I discovered that you supplied the best knowledge to the workers in your working place.

I am thrilled about the chance to join the team at Himalayan JAVA coffee and supply my ability to contribute to the success of a satisfying and memorable client experience. I would appreciate it if you would look at my application. I am eager for the chance to talk to you in more depth about my qualifications. If I am suited to be the barista you are searching for, please contact me via my phone number or my given email address.

**Sincerely,**  
Naomi Thing



### 4.3 Graduate Form:

## PRACTICE APPLICATION FORM

Please note that Appendix A must be completed by your university tutor

### CONFIDENTIAL

<b>POSITION APPLIED FOR:</b>	RESEARCH AND DEVELOPMENT – Computer Science Graduate
------------------------------	------------------------------------------------------

<b>A) PERSONAL DETAILS (BLOCK CAPITALS PLEASE)</b>			
Surname:	THING	First Name:	NAOMI
Title:	MS.	Preferred Name:	NAOMI
University Address: WULFRUNA ST. +44 1902 321000		Home Address: HETAUDA 04 MAKAWANPUR, NEPAL	
Mobile Number: +44 1902 321000 E-mail address: enquires@wlv.ac.uk		Phone Number: 9855077131 E-mail address: naomi.thing777@gmail.com	
Nationality:	NEPALESE	If you are not a British passport holder or a European Citizen, or you do not have the permanent right to remain in the UK, you will require a work permit.	
Do you need a work permit to be employed in the UK?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If you already have a work permit, when does it expire? _____ (Please note that your current work permit may not be valid for this post.)	

<b>B) DEGREE COURSE DETAILS</b>	
University: UNIVERSITY OF WOLVERHAMPTON	
Course: BSc. (HONS) COMPUTER SCIENCE	
Name: NAOMI THING E-mail address: naomi.thing777@gmail.com Phone Number: 9855077131	
Main Subjects Studied:	Results to Date:
1) ACADEMIC SKILLS AND TEAM-BASED LEARNING 2) FUNDAMENTAL OF COMPUTING 3) INTRODUCTORY PROGRAMMING AND PROBLEM SOLVING	1) ONGOING  2) ONGOING 3) ONGOING

Figure 5: graduate form 1

<b>C) ACADEMIC QUALIFICATIONS</b>					
Secondary School/College	Dates		Examinations taken	Date	Result
	From	To			
HERALD COLLEGE KATHMANDU	2022		BACHELOR'S DEGREE (ONGOING)		
HETAUDA SCHOOL OF MANAGEMENT	2019	2021	NEB	2021	2.65
SOLIDARITY INT'L ACADEMY	2005	2018	SEE	2019	3.1

Other relevant Education or Training Courses, with dates

--

**D) WORK EXPERIENCE** (Most recent first)

Dates		Employer Name	Position Held & Responsibilities
From	To		

**E) COMPUTING EXPERIENCE**

Please expand on your experience and knowledge of programming / use of software packages, including relevant examples

--

Figure 6: graduate form 2

**F) PLANNING, ORGANISING AND DELIVERY**

Give an example of where you were responsible for planning a project or event. Please consider:

- A brief description of the project or event.
- Provide details of your planning process.
- How did you ensure that attention to detail was maintained?
- If you were to undertake the same project or event again, how would you plan it differently and why?

In my school, we had different extracurricular activities. I was a member of a music club. We did not have too big of a group but music is fun so along with other fellow members we decided to host this event within our school. It was a talent show where students could showcase their musical abilities in front of their peers, and teachers. The event included a variety of acts, such as singing, playing instruments, and dancing.

I first planned how the event might go smoothly. I then made the decision to gather all the supplies required for the event. We divided our friends into 4 groups. The first group was responsible for hosting, the second were responsible for managing the seats or settling the crowd of students inside the school hall, the third were responsible taking names of the participants for the event and the final group in which I was present was responsible for the sound systems, musical instruments managements because music is all about sounds.

I created a checklist of all the tasks that needed to be completed before, during, and after the event. I assigned specific tasks to different team members and made sure that everyone is aware of their responsibilities. I also prepared for unexpected situations by having a contingency plan in place. I along with my team did double-check on everything. By following these steps, I ensured that attention to details is maintained throughout the event planning process, resulting in a successful and well-organised music event.

If I were to undertake the same project or event again, I would conduct thorough research to understand the demographics, preferences, and interests of the target audience. I would put more effort into building a stronger team of volunteers and professionals who have a wide range of skills and experience. I would work to secure sponsorship and partnerships with local businesses and organisations. I would utilise technology, such as social media, live streaming, and other digital platforms to promote the event and engage with the audience. After the event, I would take the time to evaluate its success and gather feedback from attendees. This would help me identify areas for improvement and make adjustments for future events. Overall, I would plan the event differently by putting more focus on understanding the audience, building a stronger team, securing sponsorship and partnerships, utilising technology, and reviewing the event after it is over.

**G) COMMUNICATION**

Figure 7: graduate form 3

<p>Describe a situation when you had to communicate an important message to someone. Please consider:</p> <ul style="list-style-type: none"> <li>• What method you choose to communicate your message?</li> <li>• Why did you choose to take that approach?</li> <li>• How did you satisfy yourself they understood the message?</li> <li>• How did you respond to any questions or feedback about the message you communicated?</li> <li>• What was it about your communication that you think was most effective?</li> </ul>
<p>I choose to communicate the message through face-to-face meeting with other people. I chose this approach because I believed it would be the most effective way to communicate the message clearly and to provide the other person with the opportunity to ask questions and provide feedback.</p> <p>I satisfied myself that the other person understood the message by asking them to summarise what they had discussed and to explain how they planned to improve their performance.</p> <p>I responded to any questions or feedback about the message by providing additional information and clarification as needed.</p> <p>I think the most effective part of my communication was being clear and direct about the issue.</p>

<p><b>H) ANALYTICAL</b></p> <p>Give an example of when you had to collect and analyse complex data or information? Please consider:</p> <ul style="list-style-type: none"> <li>• The approach you took to analyse the data or information?</li> <li>• Any obstacles you encountered?</li> <li>• How successful were you?</li> </ul>
<p>Prior to beginning the data analysis, I clarified the query. Following that, I began to investigate the issues. Then I checked to see if the response corresponded to the question. Following that, I used online responses to write my response in my own words.</p> <p>When researching the data, I had to overcome a number of obstacles. For example, the specific solution to the question was not discovered. I had to go quite deep into the research. After that, I eventually discovered the answers to the questions.</p> <p>To be successful, I focused primarily on the research question. This assists you in solving problems quickly and managing your time for other tasks. After focusing on the topic, I took many different suggestions from websites to help me make more clear arguments.</p>

Figure 8: graduate form 4



**I) INTERESTS, ACTIVITIES AND MAJOR ACHIEVEMENTS**

Please describe any activities you are involved with in your spare time: (including extra-curricular activities / membership in societies / voluntary work etc.), as well as any interests and hobbies. Please provide details of any major achievements or something you are proud of.

In most of my spare times, I get myself involved with reading books of different genres but the poetic and philosophical genre books get my attention. Friedrich Nietzsche is my favourite philosopher and writer of all time. Besides reading, I do learn musical instruments like ukulele which is the mini version of guitar but has 4 strings and piano. I learned knitting from my grandmother so I do the knitting too during my free times. I am not really an extrovert but I do have a favourite sport which is called figure skating. We do not have such scopes for ice skating here so I learn about it through online sources, it is enjoyable. I also learn ballets from youtube videos. I am not voluntarily involved with many things but as my parents own a hostel, I am good with kids and younger people than me. I also enjoy making coffee beverages as I took a barista class. I enjoy making drinks for the guests we have in our home and they enjoy it too.

I have a lot of achievements that make me proud. They are not big achievements but I have achieved a satisfying knowledge about life from reading the books. I have achieved a knowledge on how music can speak. I achieved the skill of making a scarf and other materials for my loved ones. I have achieved the skill of being an extrovert while being an introvert, funny it is. Most importantly, I have achieved a key to an idea where I do not have to feel solitude. This is my major achievement.

**J) CAREER ASPIRATIONS**

Please explain what attracted you to Macro 4? What are your future career aspirations and how you think this placement position will help you achieve them? Please also explain why you chose to study your chosen field and how this will support your future career path.

Career aspirations are the primary motivation for setting future goals. Several plans are in the works for my better future. My main ambition is to work as a software engineer. A software developer is someone who creates various aspects of technology in response to user needs. As a result, the world is completely reliant on technology. Given how quickly technology advances, I believe this location will allow me to meet my objectives. In today's society, developers are in high demand. We can conclude from this that there are numerous opportunities for developers.

I've decided to pursue a career as a developer in the IT (information technology) industry. I am confident that this will help my career. Given that IT is a component of modern technology, the technical sector piques the interest of many people. People want to live in more comfortable environments. This benefits them because technology advances. IT has the potential to change the global technological landscape in this way. That is why I chose this profess

Figure 9: graduate form 5

**OTHER INFORMATION**

<b>K) DISABILITIES</b>	
If selected for interview, do you require any special arrangements to be made on account of your disability?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If "yes", please give brief details of the effect of your disability on your day-to-day activities. Please provide any other information that you feel would help us to accommodate your needs during your interview and fulfil our obligations under the Equality Act 2010:	

<b>L) REHABILITATION OF OFFENDERS ACT 1974 (EXCEPTIONS) ORDER 1975</b>	
Have you any convictions that are not spent under Rehabilitation of Offenders Act?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If "yes", please provide further details: As this post is covered by the Rehabilitation of Offenders Act 1974 (Exceptions) Order 1975, both spent and unspent convictions must be declared:	

<b>K) REFERENCES</b>			
<b>Referee 1</b>		<b>Referee 2</b>	
Title:	MS.	Title:	MR.
Full Name:	PHURBA YANGJI SHERPA	Full Name:	ADARSHA KHADKA
Job Title:	ACADEMIC TUTOR	Job Title:	ACADEMIC TUTOR
Organisation:	HERALD COLLEGE KATHMANDU	Organisation:	HERALD COLLEGE KATHMANDU

Address: NAXAL, KATHMANDU		Address: NAXAL, KATHMANDU	
Tel No: 01-5970120		Tel No: 01-5970120	
E-Mail address: phurba.sherpa@heraldcollege.edu.np		E-Mail address: adarsha.khadka@heraldcollege.edu.np	
Please state if we may obtain this reference prior to interview	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Please state if we may obtain this reference prior to interview	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

**DECLARATION**

I declare that the information given in this application form is true and complete. I understand that if I have given any misleading information on this form or made omissions, this will be sufficient grounds for terminating my industrial placement.			
Name:		Date:	
Signature:	NAOMI THING		2023/01/19
The information provided by you on this form may be processed for purposes permitted by the General Data Protection Regulation. You have, on written request, the right to access personal data held about you.			

Figure 10: graduate form 6

**APPENDIX A**

TO BE COMPLETED BY AN APPROPRIATE UNIVERSITY TUTOR, SUPERVISOR OR OFFICIAL

<b>Student Name:</b>	
<b>University:</b>	
<b>Course Title:</b>	
<b>Stage reached and progress made in course</b>	
<b>Please give your view on the applicant's suitability for the placement they are applying for</b>	



<b>Any other information relevant to this application</b>
<b>Your Name:</b>
<b>Position:</b>
<b>Signature :</b>
<b>Date:</b> <small>Click here to enter a date.</small>

Figure 11: graduate form 7

## 5. AI Debate:

### Debate on why AI is dangerous for human beings.

= Talking about AI, it stands for Artificial Intelligence. AI is a branch of computer science concerned with development of intelligent machines that work and react in the same way that humans do. It is something that is smarter than all other humans in the existence. Artificial Intelligence does have numbers of advantages but as the dark side exists within the good, AI also has its disadvantages which could be risky for human race.

The debate over the dangers of AI is multifaced, with concerns raised about AI's potential to become more intelligent than humans, resulting in a loss of control over technology. Let us start with an example of case of disaster. For example, if a fire breaks out in the building, the humans can use fire extinguisher or fire exit. Even a child runs because humans have instinct, or consciousness, but it is different for AI, it might get destroyed. Suppose if an AI is not familiar with the fire breakout case, they wouldn't know what to do and might get destroyed as it is built to perform what it told to do. This leads to the cost and expenses of AI as well. It is true that an AI is expensive, but it is told that no lunch is free. AI needs a significant first investment which causes the companies to invest in AI frameworks, including cutting-edge hardware and software. Besides, compared to human brains AI is not creative. AI makes human lazy because humans depend on AI of how it can perform everything. AI also has a pessimist impact on employment. Traditional jobs will certainly be replaced by AI in the future, resulting in the unemployment of those who perform them.

Thus, this is how I would like to conclude why is dangerous for human beings.



## **6. Professional Organization Report**

### **Acknowledgement**

I would like to start by expressing my sincere gratitude to the ACM group for providing me with the wealth of knowledge and tools that were essential to the completion of this report. They have been an inspiration to me because they are committed to advancing technology so that humanity can benefit. Additionally, I would like to express my gratitude to my professors at the University of Wolverhampton and Herald College Kathmandu for their support, advice, and aid with this project. Their helpful criticism and motivation have been crucial in deciding how this report will turn out.

### **6.1 Introduction**

#### **6.1.1 Introduction to Professional Organisations**

A group of people who have been brought together because they share a professional or industry interest is understood as a professional organisation. These groups associations provide their representatives with a range of advantages, including networking possibilities, opportunities for professional growth, access to resources and information related to the industry, and advocacy for the interests of the latter. A few examples of professional associations include the Association for Computing Machinery (ACM), British Computer Society (BCS), the Institution of Engineering and Technology (IET), and Guide Share Europe (GSE). (journals, 2023)

#### **6.1.2 Introduction to ACM**

ACM standing for Association for Computing Machinery is a global organisation whose goals include advancing computing and encouraging the use of technology for societal good. With more than 100,00 members from more than 190 countries, Association for Computing Machinery is one of the world's largest computer societies and was founded in 1947. Association for Computing Machinery was founded with the goals of advancing computing as a science and a profession, encouraging the free exchange of ideas, and giving its members access to professional and educational opportunities.

The individuals of ACM receive a range of benefits, such as discounted conference registration, access to digital libraries, opportunities for professional development, and the chance to network with other IT experts and stay current on industry news. (ACM History Committee, 2023)



Figure 12: Logo of ACM

## 6.2 Body

### 6.2.1 ACM membership requirements

It is necessary to set criteria for the membership to uphold high standards of quality, to set up and advance the profession, to enhance moral conduct, to encourage community and cooperation, and to offer resources and advantages. Being one of the well-known organisations worldwide, Association for Computing Machinery (ACM) has its own membership requirements. It requires that one must hold a position of authority in the field of computing or a closely related discipline in order to join. An individual must comply to adhere by the ACM code of Professional Conduct and Ethics which establishes moral guidelines for those working in the computer industry. Association for Computing Machinery also requires payment of an annual membership fee in order to become a member. The cost varies by location and enrollment category (-for example, student, regular, senior, etc.). The eligibility requirements and benefits for the various membership categories offered by ACM (such as scholar, regular, and senior) vary. Organisations can also become members of ACM through this category. (ACM History Committee, 2023)

### 6.2.2 Positive Aspects of ACM

The Association for Computing Machinery (ACM) offers its associates with a wealth of tools and chances for career advancement. The organization's members have exposure to the most recent advances in computing and cutting-edge research through its alternative learning programs and assets. Additionally, ACM appears to offer its members the chance to network with other professionals to form connections and work

together on projects. Members can also attend ACM-hosted conferences and events and have entry to sizable library of resources on computers. ACM also offers the members the chance to be acknowledged for their contributions to the field and by their peers through its awards and recognition program. ACM is an affordably priced and helpful source of information for computer professionals because it also offers discounts on a wide range of goods and services. (acm, 2023)

### **6.2.3 Adverse Effects of ACM**

Participation in the Association for Computing Machinery (ACM) does have some drawbacks, just like any other organisations. The membership fee might be a disadvantage because some people think it is too expensive. Additionally, not all the participants may be proper or beneficial for using the tools and opportunities provided by ACM and some members might believe they are not receiving their membership's full benefits. Additionally, there might be some restrictions on the support and direction provided to members, particularly those who are just beginning their careers in computing. Finally, some members might think that ACM's emphasis is too constrained or specialized and not in line with their interests and goals. These disadvantages, however, differ from person to person based on their unique needs and circumstances. (IvyPanda, 2022)

## **6.3 Conclusion**

In proper conclusion, the Association for Computing Machinery (ACM) is an association of professionals in the fields of computing and related fields. Among the many advantages provided by ACM to its members are opportunities for professional growth, access to research and publications, networking opportunities, and reward schemes. ACM continues to be a helpful resource for computing professionals and is widely regarded as a leader in the field despite some potential drawbacks, such as the cost of membership or a lack of relevance for some members. ACM offers their personnel a wealth of tools and resources to support them in their professional endeavors, whether through its educational initiatives, networking possibilities, or emphasis on the advancement of the computing profession.

## **6.4 References**

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## 7. Final Group Presentation Slides



Figure 13: Slide 1

# Today's Agenda

- What is Artificial Intelligence?
- Applications in today's world.
- Advantages of AI
- Disadvantages of AI
- Conclusion




Figure 14: Slide 2

# What is Artificial Intelligence?

- A popular branch of Computer Science
- Smart machines capable of performing intelligent tasks
- Rapid achievement in Machine learning and in field of technology




Figure 15: Slide 3

# Application in Today's World

- Use in Social media
- Use in workshop machines
- Virtual Assistance
- Robotics



Figure 16: Slide 4

## Use in social media

- Machine Learning
- Recommendation system
- AR Emojis



## In workshop machine


- To control the workflow of machine
- Work in sync




Figure 17: Slide 5

## Virtual assistance

- To understand our speech
- To complete assigned tasks





## Robotics

- For speech recognition and conversation
- For movements
- Assigned activities

Figure 18: Slide 6

## Advantages

- **Low probability of errors**
  - Minimize Errors
  - Improves Accuracy




Figure 19: Slide 7

- **Zero Risks**

- Used in dangerous places  
for example – construction areas,  
outer space



Figure 20: Slide 8

- **Available 24x7**

- Can work continuously  
compared to humans



Figure 21: Slide 9



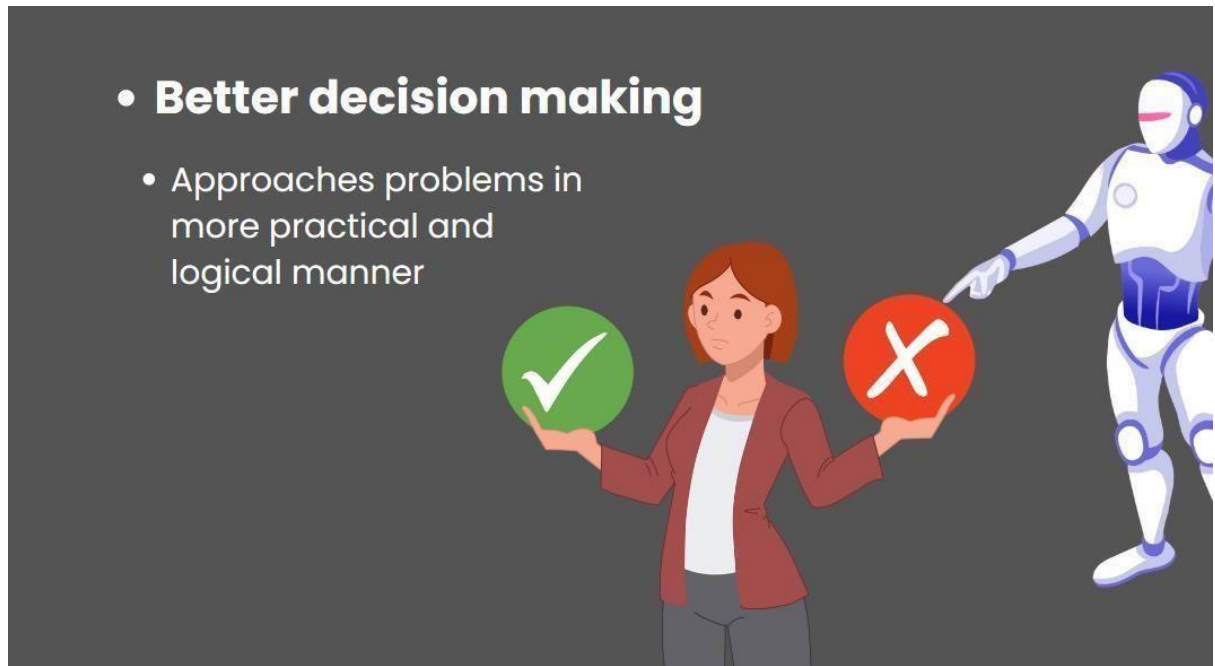


Figure 22: Slide 10



Figure 23: Slide 11

- Increase Laziness

- Minimize the majority of time-consuming or monotonous tasks.
- Human prefer to use their thoughts fewer and fewer



Figure 24: Slide 12

- Unemployment

- Machine are extensively used, it to displace human resources in modern industries



Figure 25: Slide 13

- No creativity
  - AI can't think out of the box



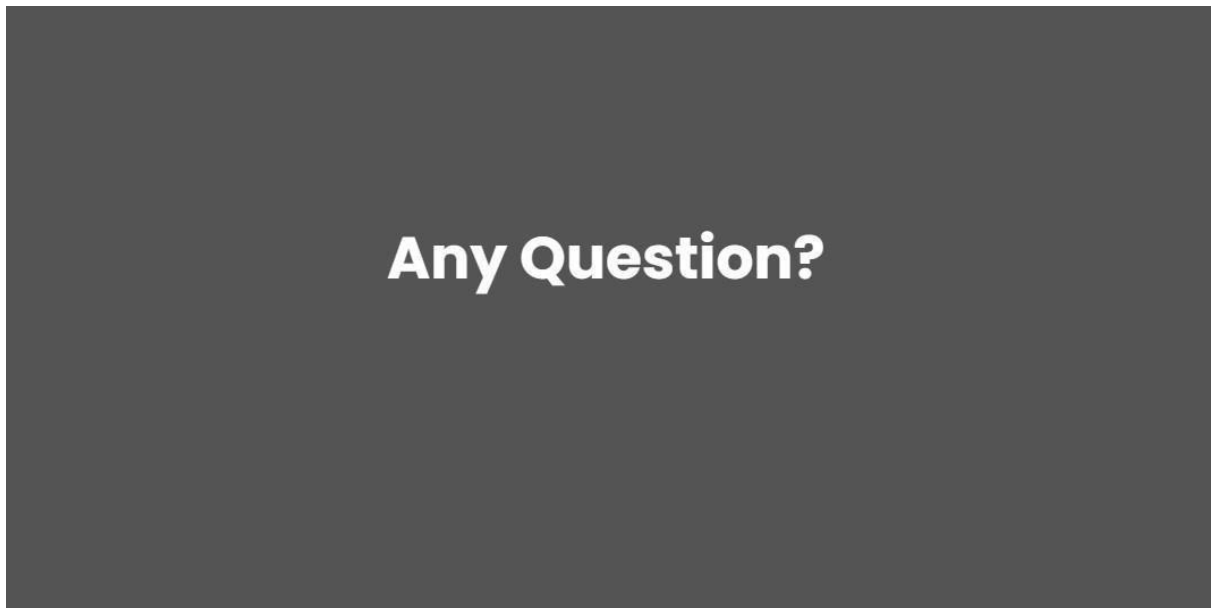
Figure 26: Slide 14

## Conclusion

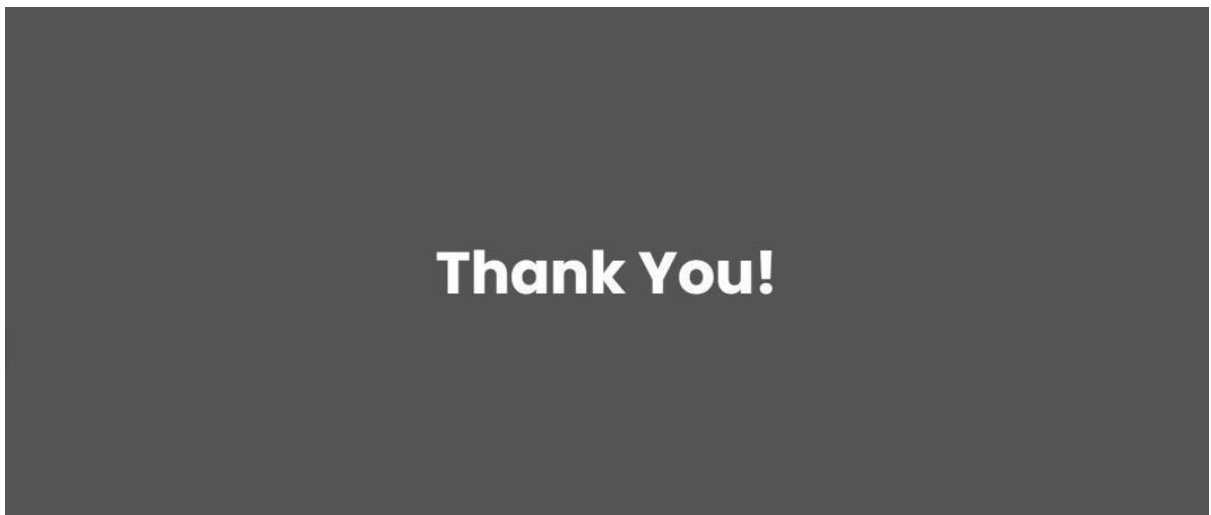
- Powerfully growing field
- Automates tasks & makes decisions faster/more accurately than humans
- Transforms businesses and customer interactions
- Algorithms process data, recognize patterns, make predictions



Figure 27: Slide 15



*Figure 28: Slide 16*



*Figure 29: Slide 17*

