

UNIVERSITY PARTNER



Academic Skills and Team-based learning (4CIO18)

Report Writing

<Individual Task>

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Abstract

This report profiles a graduate of Herald College who also holds a bachelor's degree from the University of Wolverhampton in the United Kingdom. The goal of the course is to educate students about the profitable and in-demand field of cloud engineering, which includes topics such as cloud-based applications, artificial intelligence, and data processing. Herald College, located in Nepal, strives to provide education of a similar level to that of universities in the UK at a more affordable cost. The University of Wolverhampton, on the other hand, is a well-known institution with a wide range of programs and resources. The report also highlights the distinctions between Nepalese and international institutions, specifically in regards to the higher level of instruction, more efficient results, and more accurate evaluation methods offered by foreign institutions.

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1. Link to the Blogs

WEEK 1: <https://mh62.wordpress.com/2022/11/22/16/>

WEEK 2: <https://mh62.wordpress.com/2022/11/20/hello-world/>

WEEK 3: <https://mh62.wordpress.com/2022/12/11/week-3/>

WEEK 4: <https://mh62.wordpress.com/2022/12/19/note-taking-and-research-skills/>

WEEK 5: <https://mh62.wordpress.com/2022/12/26/week-5/>

WEEK 6: <https://mh62.wordpress.com/2023/01/02/week-6-2/>

WEEK 7: <https://mh62.wordpress.com/2023/01/10/cyber-security/>

WEEK 8: <https://mh62.wordpress.com/2023/01/14/week-8/>

WEEK 9: <https://mh62.wordpress.com/2023/01/17/105/>

WEEK 10: <https://mh62.wordpress.com/2023/01/31/understanding-ai/>

WEEK 11: <https://mh62.wordpress.com/2023/02/03/week-11/>

WEEK 12: <https://mh62.wordpress.com/2023/02/09/summary-of-the-whole-semester/>

(4CIO18)

2. Video Statement

<http://shorturl.at/bNPRX>

3. Introduction

3.1 University Of Wolverhampton



The University of Wolverhampton is a public university in West Midlands, United Kingdom. It was established in 1851, and in 1992 it was given university status. The University is divided into four faculties: the Faculty of Arts, the Faculty of Business, the Faculty of Education, and the Faculty of Health and Wellbeing. In a number of disciplines, including the arts, business, education, health, and science. The university offers a wide selection of undergraduate and graduate programs.

The university has a reputation for placing a high priority on employability and collaborates with many corporations, government agencies, and nonprofit groups to give students access to real-world learning experiences and employment opportunities. The University of Wolverhampton is divided into four faculties, which are each made up of several schools and institutes. The University has a student body of 18,875 and offers a wide range of undergraduate and postgraduate courses, numbering over 380 in total.

3.2 Herald College Kathmandu (HCK)



Herald College Kathmandu (HCK) is United Kingdom affiliated college which offers affordable UK university education, including IT and Business Bachelor Degrees in partnership with the University of Wolverhampton. It provides flexible Bachelor Degrees in IT and Business through a direct partnership with the University of Wolverhampton in the UK, Herald College Kathmandu (HCK). These courses are made to give students a well-rounded education.

It encourages Students to expose new challenges through high-level learning and active participation in cutting-edge research projects. This results in graduates who are able to confront and resolve complex problems in the real world. Earning a professional degree at the University of Wolverhampton includes experiential learning opportunities such as projects, internships, and industry partnerships, which help to develop employability and entrepreneurship skills in students.

4. Introduction to esewa



Figure 1 ESEWA

eSewa is a payment gateway that was developed by F1Soft International, a software company that specializes in mobile and Internet banking solutions. It allows users to make online and offline payments to merchants, transfer funds to various banks and companies, and has been in operation since 2009. eSewa has received authorization as a payment service provider from Nepal Rastra Bank. It also enables users to transfer money to other Esewa accounts, bank accounts, and mobile wallets. In addition to these services, Esewa also offers a loyalty program that rewards users for making transactions on the platform.

4.1 **Goals and Objectives:**

- The goal of Esewa is to increase revenue through customer retention and expanding the brand's reach to potential customers in areas of Nepal with internet access.
- The company aims to improve efficiency by enhancing customer experiences and services, and increase awareness of its offerings.
- Esewa prioritizes providing safe and secure payment options to build trust and confidence in the platform among its customers.
- To raise awareness of the services offered by the business.

5. Local Universities of Nepal

5.1 Tribhuvan University



Figure 2 TRIBHUVAN UNIVERSITY

Tribhuvan University (TU) is a well-respected public institution located in the capital city of Nepal, Kathmandu. Founded in 1959, it is the oldest and largest university in the country, with affiliated colleges and institutes throughout Nepal. TU offers a diverse range of undergraduate and graduate programs in fields such as science, engineering, medicine, agriculture, humanities, and social sciences. The university is known for its high-quality teaching and research. The university's four councils serve as its primary decision-making bodies.

5.2 Pokhara University



Figure 3 POKHARA UNIVERISTY

Pokhara University (PU) is a public institution located in Pokhara, Nepal. Established in 1997, it is the second oldest university in the country and offers a variety of undergraduate and graduate programs in fields such as science, engineering, management, social sciences, and humanities. PU is known for its focus on research and partnerships with organizations and institutions both within Nepal and internationally. The university has a reputation for excellence in teaching and research, and is dedicated to providing its students with a high-quality education. To promote and advance education through superior higher education, good health, and volunteerism

5.3 Kathmandu University



Figure 4 KATHMANDU UNIVERSITY

Kathmandu University, located in Dhulikhel, Nepal, is a public higher education institution that was established in 1991, making it one of the oldest universities in Nepal. It offers a wide range of programs at the undergraduate, graduate, and postgraduate levels in fields such as engineering, medicine, science, management, and the humanities. The university has a strong focus on research, with top-notch faculty and students and research centers dedicated to areas such as renewable energy, disaster management, and biotechnology. KU has several international partnerships as well. The university is also dedicated to community service and outreach, implementing programs to improve the lives of people in the area and contribute to the development of Nepal. In summary, Kathmandu University is a reputable and competitive institution, being the first in Nepal to adopt semester system as well.

6. Comparison between Local university and Herald College Kathmandu

Herald College in Kathmandu is known for offering an internationally recognized UK degree. In contrast, degrees from local universities in Nepal are only widely recognized within the country and may not be as highly regarded internationally. The faculty and staff at Tribhuvan University have been engaged in teaching and research, and are working to improve their teaching through capacity building programs with other institutions around the world.

Herald College Kathmandu employs the British-style L-T-W (Lecture, Tutorial, Workshop) teaching method, which is unique and used globally. Students receive in-depth information about a subject through formal lectures, followed by discussions, practice exercises, and problem-solving activities related to the lecture material during tutorials. In workshops, students have the opportunity to apply their knowledge through hands-on activities, gaining practical experience and a deeper understanding of the subject. This teaching method is more efficient, enjoyable, and interesting than traditional methods. Some people believe that degrees from British universities are superior because they are internationally recognized and highly regarded in certain fields or industries. Qualified students at HCK may receive scholarships and the training they need to succeed. By paying locally for a top-quality UK degree while studying at HCK, you can get value for your money, unlike at local universities where this may not be the case.

At HCK, the focus is on the knowledge and skills that students have acquired, rather than just on test scores and grades. Students at HCK have many professional opportunities available to them, as well as opportunities for personal development and support from professors who have also graduated from the same institution. Education in hck Students may easily get US and UK visas, and doing so can change their lives.

7. Course Structure

7.1 In Herald College

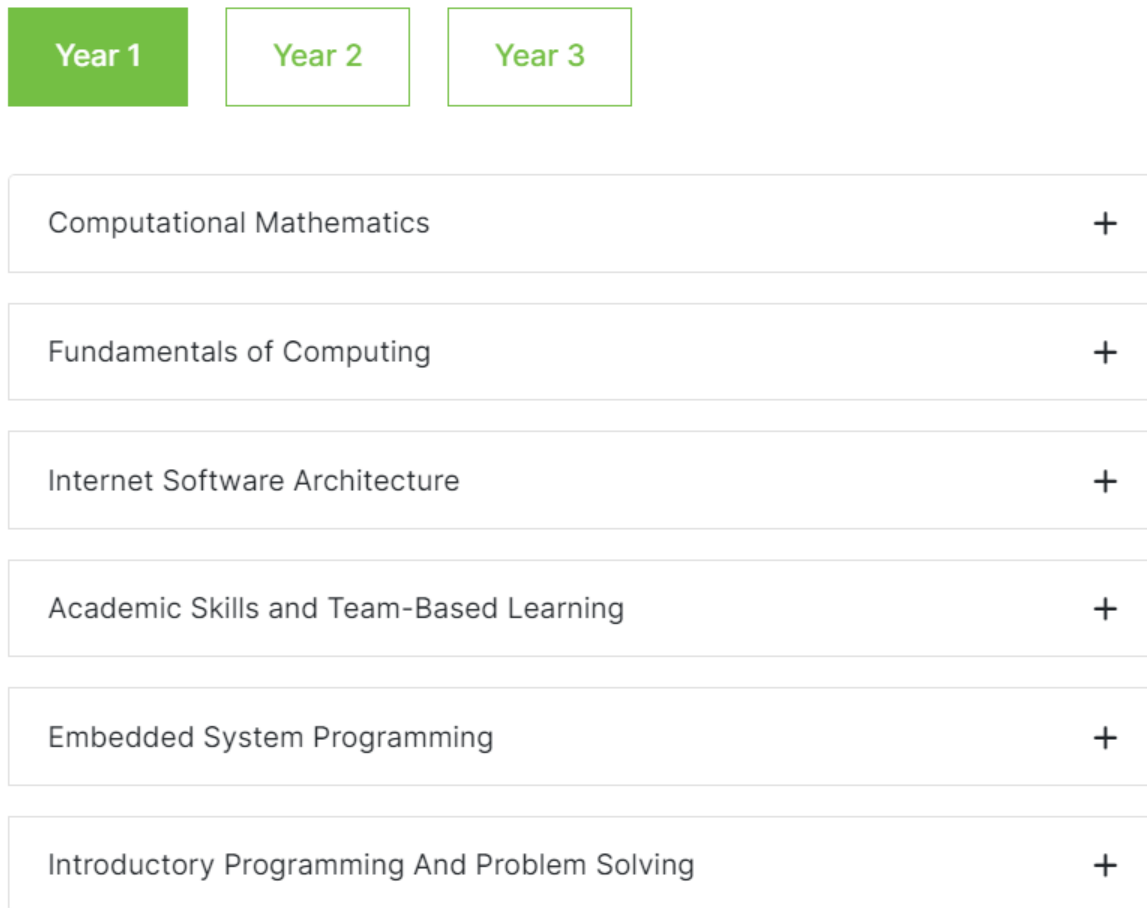


Figure 5 Year 1 Course Structure

(HCK,2023)

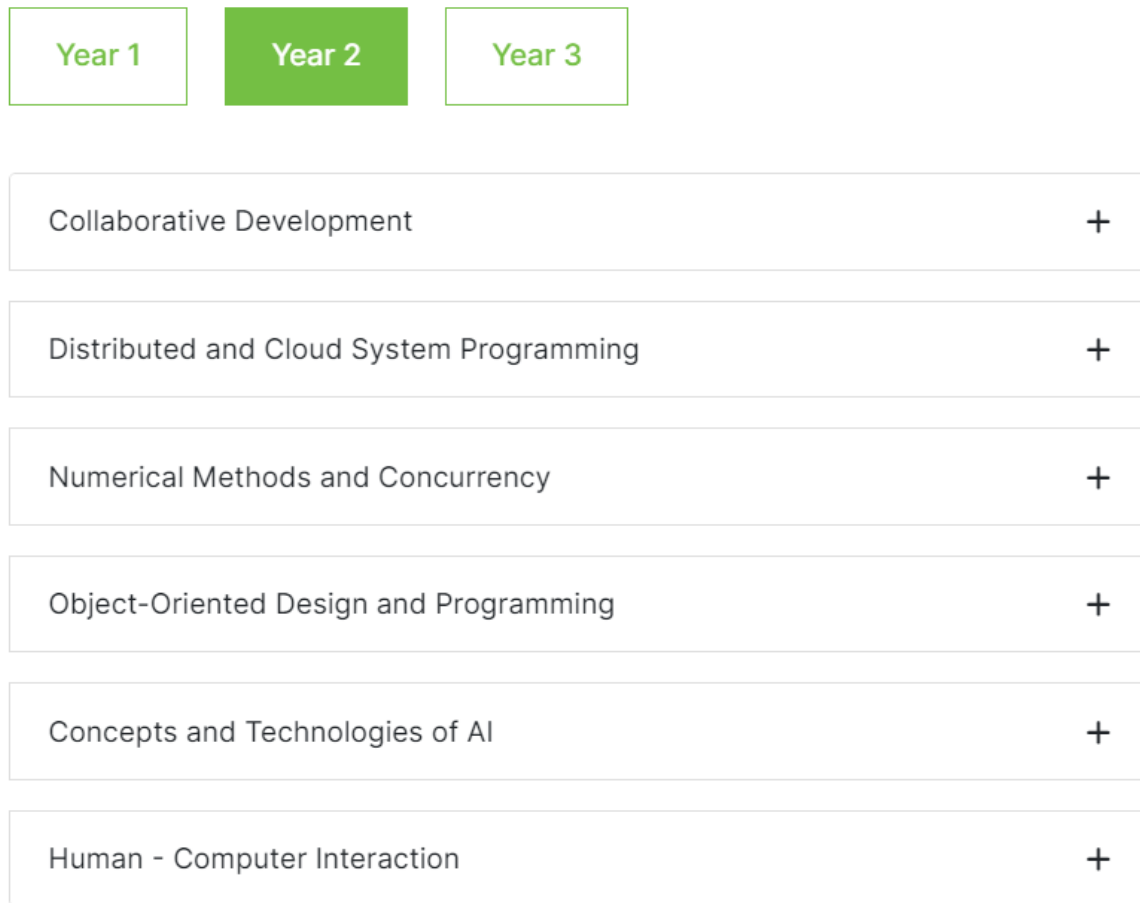


Figure 6 Year 2 Course Structure
(HCK,2023)

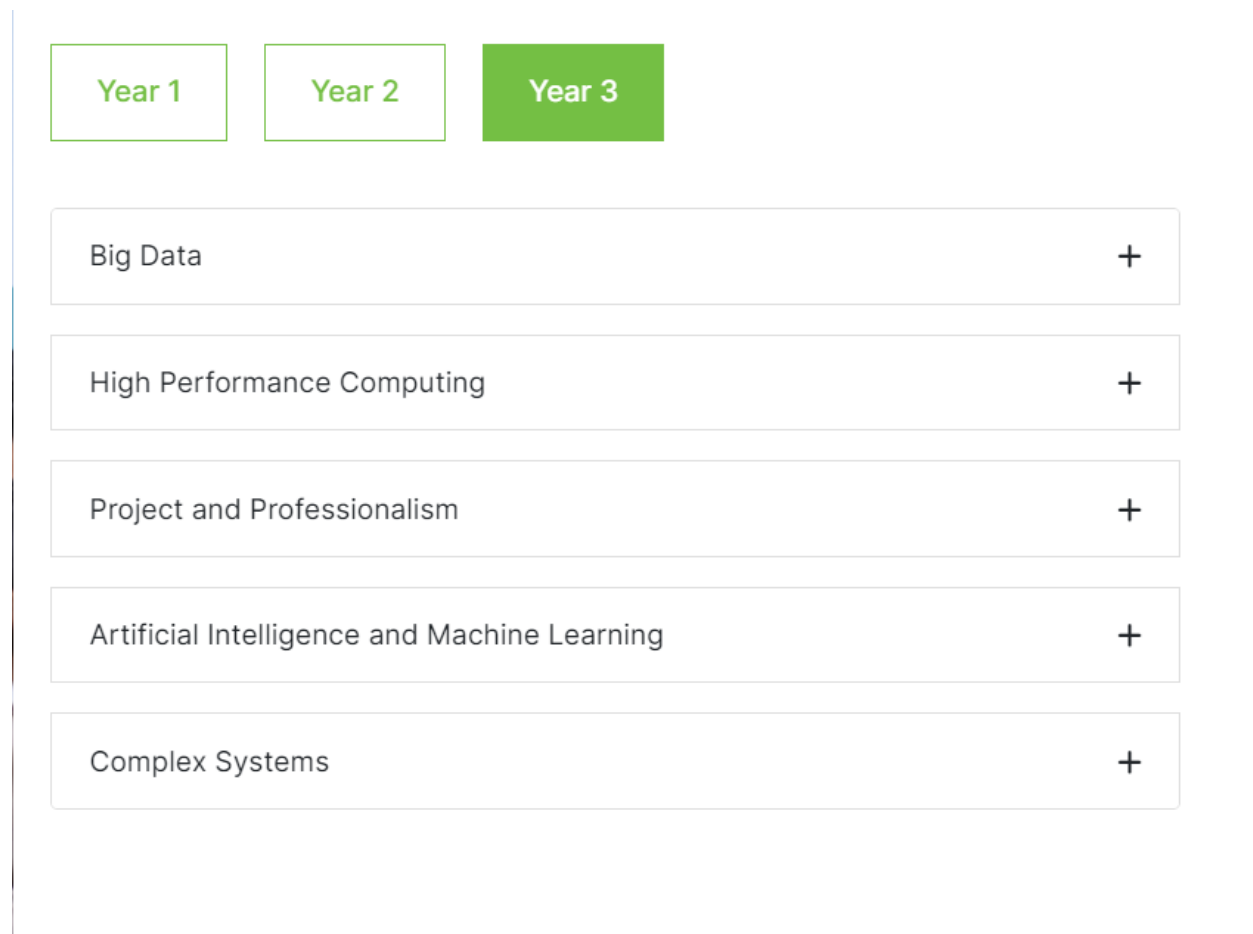


Figure 7 Year 3 Course Structure
(HCK,2023)

7.2 In Local University

First Semester

- CSC109: Introduction to Information Technology
CSC109 Introduction to Information Technology
- CSC110: C Programming
CSC110 C Programming
- CSC111: Digital Logic
CSC111 Digital Logic
- MTH112: Mathematics I
MTH112 Mathematics I
- PHY113: Physics
PHY113 Physics

Figure 8 TU 1 YEAR FITST SEMSTER

(Tribhuvan University,2023)

Second Semester

- CSC160: Discrete Structure
CSC160 Discrete Structures
- CSC161: Object Oriented Programming
CSC161 Object Oriented Programming
- CSC162: Microprocessor
CSC162 Microprocessor
- MTH163: Mathematics II
MTH163 Mathematics II
- STA164: Statistics I
STA164 Statistics I

Figure 9 TU 1 YEAR SECOND SEMSTER

(Tribhuvan University,2023)

Third Semester

- CSC206: Data Structure and Algorithm
CSC206 Data Structures and Algorithm
- CSC207: Numerical method
CSC207 Numerical Method
- CSC208: Computer Architecture
CSC208 Computer Architecture
- CSC209: Computer Graphics
CSC209 Computer Graphics
- STA210: Statistics II
STA210 Statistics II

Figure 10 TU 1 YEAR THIRD SEMSTER

(Tribhuvan University,2023)

Fourth Semester

- CSC257: theory of computation
CSC257 Theory of Computation
- CSC258: Computer Networks
CSC258 Computer Networks
- CSC259: Operating System
CSC259 Operating Systems
- CSC260: Database Mangament System
CSC260 Database Management Systems
- CSC261: Artificial Intelligence
CSC261 Artificial Intelligence

Figure 11 TU 1 YEAR FOURTH SEMSTER

(Tribhuvan University,2023)

Fifth Semester

- CSC314: Design and Analysis of Algorithm
CSC314 Design and Analysis of Algorithm
- CSC315: System Analysis and Design
CSC315 System Analysis and Design
- CSC316: Cryptography
CSC316 Cryptography
- CSC317: Simulation and Modeling
CSC317 Simulation and Modelling
- CSC318: Web Techonology
CSC318 Web Technologies

Figure 12 TU 1 YEAR FIFTH SEMSTER

(Tribhuvan University,2023)

Sixth Semester

- CSC364: Software Engineering
CSC364 Software Engineering
- CSC365: Computer Design and Construction
CSC365 Compiler Design and Constrction
- CSC366: E-Governance
CSC366 E-Govenance
- CSC367: NET Centric Computing
CSC367 NET Centric Computing
- CSC368: Technical Writing
CSC368 Technical Writing

Figure 13 TU 1 YEAR SIXTH SEMESTER

(Tribhuvan University,2023)

Seventh Semester

- CSC409: Advanced Java programing
CSC409 Advanced Java programing
- CSC410: Data Warehousing and Data Mining
CSC410 Data Warehousing and Data Mining
- MGT411: Principles of Management
MGT411 Principles of Management
- CSC412: Project Work
CSC412 Project Work

Figure 14 TU 1 YEAR SEVENTH SEMESTER

(Tribhuvan University,2023)

Eighth Semester

- CSC461: Advanced Database
CSC461 Advanced Database
- CSC462: Internship
CSC462 Internship

*Figure 15 TU 1 YEAR EIGHT SEMESTER
(Tribhuvan University,2023)*

- : Elective I

Choose Any One:

CSC319 Multimedia Computing

CSC320 Wireless Networking

CSC321 Image Processing

CSC322 Knowledge Management

CSC323 Society and Ethics in Information Technology

CSC324 Microprocessor Based Design

*Figure 16 TU ELECTIVE 1
(Tribhuvan University,2023)*

- : Elective II

Choose Any One:

CSC369 Applied Logic

CSC370 E-Commerce

CSC371 Automation and Robotics

CSC372 Neural Networks

CSC373 Computer Hardware Design

CSC3474 Cognitive Science

Figure 17 TU ELECTIVE 2

(Tribhuvan University,2023)

- : Elective III

Choose Any One:

CSC414 Database Administration

CSC415 Software Project Management

CSC416 Network Security

CSC413 Information Retrieval

CSC417 Digital System Design

MGT418 International Marketing

Figure 18 TU ELECTIVE 3

(Tribhuvan University,2023)

- : Elective IV

Choose Any Two:

CSC463 Advanced Networking with IPv6

CSC464 Distributed Networking

CSC465 Game Technology

CSC466 Distributed and Object Oriented Database

CSC467 Introduction to Cloud Computing

CSC468 Geographical Information System

CSC469 Decision Support System and Expert-System

CSC470 Mobile Application Development

CSC471 Real Time Systems

CSC472 Network and System Administration

CSC473 Embedded Systems Programming

MGT474 International Business Management

Figure 19 TU ELECTIVE 4

(Tribhuvan University,2023)

8. Overview of the company

Website name: www.esewa.com.np

Company address: Lalchan Plaza, 8th Floor Hattisar, Kathmandu, Nepal

Contact number: 01-5970121

E-mail address: csd@esewa.com.np

Current Client: Twenty-five thousand customers with sixty-five per cent active customers (Maharjan, 2011).

8.1 Mission

Their goal is to be at the forefront of the online payment industry by offering secure, cohesive, and all-inclusive payment processing services to businesses, non-profit organizations, and payment solutions by utilizing the most advanced technologies available

8.2 Vision

The company aims to expand its presence to all payment sectors, to achieve its mission and push the nation towards a cashless economy and become the top choice and most widely-used online payment service provider in the country (eSewa, 2020)

Value proposition: The main purpose of eSewa to do marketing is to provide value to the customer.

- **Real-time gross settlement:** This method allows for the instant transfer of funds without any delays. It reduces the risk of high-value payment settlements between financial institutions (BankBazaar, 2019) (Investopedia, 2019)
- **Convenience:** eSewa has dedicated to enhancing the customer's experience through offering services that are easy to use such as receiving notifications for offers, checking account status, free bank withdrawal and scanning to send money. (Muskan, 2019)

9. Company Hiring Process

The hiring process for a company involves creating a job listing and posting it on various platforms like company websites, job boards, LinkedIn, Glassdoor, and other recruitment websites. After that, the employer reviews resumes and cover letters from applicants to identify those who meet the qualifications for the role. They conduct initial interviews with qualified candidates, either over the phone or in person, and may be conducted by a human resources representative, hiring manager or the team the candidate will be working with.

Before extending a job offer, the employer may conduct a background check on the candidate to verify their work history, education and criminal history. The company may also reach out to the candidate's references to gather more information about their qualifications and work experience. If the candidate is successful in completing all of the steps in the hiring process, the employer may extend them a job offer. Once the candidate accepts the offer, the employer will begin the process of onboarding the new employee which includes paperwork, training and orientation.


10. Conclusion

Employers may choose to hire Herald graduates for a number of reasons. Some of the most common reasons include Herald College Kathmandu has a reputation for being one of the top College in the Nepal. Employers may assume that students who graduate from Herald have received a high-quality education and have the skills and knowledge necessary to excel in their field. Herald has a large and powerful alumni network. Employers may assume that students who graduate from Herald will have connections to other successful people and organizations that could be valuable for their business. Herald is known for being highly selective in its admissions process. Employers may assume that students who graduated from Herald are highly motivated, intelligent, and capable of achieving success.

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12. Professionalism Task



INTRESTS

Photography
I love taking aesthetic pictures and i love being in a aesthetic pictures

Travel
I enjoy and take a lot of trips.

Sports
I enjoy playing all sports, but my favorite is football, which I play every weekend.

Listening to music
I enjoy listening to music, and The Weeknd is one of my favorites.

ADDITIONAL ACTIVITIES

- Religious/Spiritual
- Family Responsibilities
- Hiking

Contact

Kupondole, Lalitpur
9840087566
bajracharyamanogya@gmail.com

Social

in linkedin.com/in/manogya-bajracharya-91b028231
t @Manogyya
f /Manogya.Bajracharya
m meh.manogya
m m4nogya

MANOGYA BAJRACHARYA

JOB TITLE

PROFILE

I am a well-organized, productive individual with a curious mindset. I'm an adaptable person looking for work that will support my growth and use of my current skills.

EXPERIENCE

- 2022-06-01 - 2022-09-01** **Esewa**
Business Development, Kathmandu
Esewa QR Enrollment

EDUCATION

- 2007 - 2020** **DAV Sushil Kedia Vishwa Bharati Higher Secondary School**
Jawalakhel, Lalitpur
Schooling
- 2020 - 2022** **Global College of Management**
Baneshwor, Kathmandu
High School
- 2022 - Present** **Herald College Kathmandu**
Naxal, Kathmandu
BSc (Hons) Computer Science

SKILLS

Office 365		Google Suites	
Word	●●●●●●●●	Google Docs	●●●●●●●●
Excel	●●●●●●●●	Google Drive	●●●●●●●●
PowerPoint	●●●●●●●●	Gmail	●●●●●●●●

LANGUAGES

- English
- Nepali
- Newari

(4CIO18)

13. Cover Letter

MANOGYA HARSHA BAJRACHARYA

✉ bajracharyamanogya@gmail.com Contact: (980) 123456789 Address: Kupondole, Lalitpur

Social Department
ABC SCHOOL

Mr. ABCD,

I am a motivated college student enrolled at the University of Wolverhampton (3.30 GPA, +2). My professors have consistently praised me for being focused throughout my academic career. I appreciate the chance to apply for your company's teaching position. After reading your job description, it is obvious that you are seeking a candidate who is very familiar with the duties involved in the position and is capable of carrying them out with assurance. I am confident that I possess the skills necessary to successfully complete the job competently and perform better than peers in light of these requirements. I have honed my planning, management, and creative thinking abilities through work on school and extracurricular projects, which I hope to apply to my student position at your business.

After reviewing my resume, I hope you will agree that I am the type of competent and competitive candidate you are looking for. I look forward to elaborating on how my specific skills and abilities will benefit your organization. Please contact me at (980) 1234556 or via email at bajracharyamanogya@gmail.com to arrange a convenient meeting time.

Thank you for your consideration, and I look forward to hearing from you soon.

Sincerely,

Manogya Harsha Bajracharya

14. Graduate Form

PRACTICE APPLICATION FORM

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

CONFIDENTIAL

POSITION APPLIED FOR:	RESEARCH AND DEVELOPMENT – Computer Science Graduate
------------------------------	--

A) PERSONAL DETAILS (BLOCK CAPITALS PLEASE)			
Surname:	BAJRACHARYA	First Name:	MANOGYA HARSHA
Title:	Mr	Preferred Name:	MANOGYA
University Address: WULFRUNA ST, WOLVERHAMPTON WV1 1LY, UNITED KINGDOM		Home Address: KUPONDOLE, LALITPUR	
Mobile Number: +44 1902 321000 E-mail address: enquiries@wlv.ac.ukkkkkkk		Phone Number: 9840087566 E-mail address: bajracharyamanogya@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) DEGREE COURSE DETAILS	
University: University Of Wolverhampton	
Course: Bsc(HONS)COMPUTER SCIENCE	
Name: Manogya Harsha Bajracharya E-mail address: bajracharyamanogya@gmail.com Phone Number: 9840087566	
Main Subjects Studied:	Results to Date:
ACADEMIC SKILLS AND TEAM-BASED LEARNING	ON GOING
FUNDAMENTALS OF COMPUTING	ON GOING
INTRODUCTORY PROGRAMMING AND PROBLEM SOLVING	ONGOING

C) ACADEMIC QUALIFICATIONS					
Secondary School/College	Dates		Examinations taken	Date	Result
	From	To			
HERALD COLLEGE KATHMANDU	16 NOV 2022		BACHELOR'S DEGREE ON GOING		
GLOBAL COLLEGE OF MANAGEMENT	2020		NEB	2022	3.10
DAV SUSHIL KEIDA	2008		SEE	2020	3.40

Other relevant Education or Training Courses, with dates

D) WORK EXPERIENCE (Most recent first)			
Dates		Employer Name	Position Held & Responsibilities
From	To		
21 june 2022	10 september 2022	Esewa	Business Development (Intern)

E) COMPUTING EXPERIENCE

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

I have had a lot of experience with computers, including taking C++ tutoring classes in high school where I learned how to make a game using the language. In college, I also learned how to use command prompts and basic MySQL for databases. I also have a basic understanding of HTML and CSS, and can use Microsoft Office programs like PowerPoint, Word, and Excel.

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?

An example of when I was responsible for planning a project or event was when I organized a blood donation program at school with the help of my friends and teachers. The planning process involved creating a detailed budget and schedule, identifying potential sponsors and donors, and coordinating with volunteers to ensure everything ran smoothly. I also contributed to creating marketing materials and promoting the event through social media. If I were to undertake the same project again, I would plan it differently by incorporating more interactive activities for the participants, such as rewarding donors, and involving more young people as volunteers to make the event more engaging. This will increase the appeal of the event and participation.

G) COMMUNICATION

Describe a situation when you had to communicate an important message to someone. Please consider:

- What method you choose to communicate your message?
- Why did you choose to take that approach?
- How did you satisfy yourself they understood the message?
- How did you respond to any questions or feedback about the message you communicated?
- What was it about your communication that you think was most effective?

I encountered a situation where I had to deliver an important message as a leader for a school project. The message was about a change in the deadline for the project. I chose to communicate the message through Instagram, as it was a quick and efficient way to reach all team members and also allowed them to read the message at their own convenience. I decided to use this method as it enabled me to communicate the message clearly and in a timely manner and also provided an opportunity for team members to ask questions or give feedback. To make sure that my team members understood the message, I clearly stated the new deadline on Instagram and also provided an explanation for the change. During the team meeting, I answered any questions they had and provided additional information if needed. I listened actively to feedback from team members and responded in an understanding and positive manner. Additionally, I made sure that the team members understood the message and the reasoning behind it.

--

H) ANALYTICAL

Give an example of when you had to collect and analyse complex data or information? Please consider:

- The approach you took to analyse the data or information?
- Any obstacles you encountered?
- How successful were you?

In the Academic skill course, we were assigned to investigate a specific topic and give a presentation on it. I fulfilled the task by conducting research and creating slides for the presentation. However, when it was my turn to present, I was extremely nervous as public speaking is not my strength, and as a result, I completely forgot everything I had prepared, resulting in a poor presentation.

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 my free time, I take part in a variety of extracurricular activities, such as playing futsal on a regular basis, and representing my community team in competitions. Along with that, I also have some interests and hobbies that I enjoy doing. For example, playing football, which I have been doing for many years, gaming which helps me to relax after a long day and computer, which I am passionate about and enjoy learning more through reading, research, and practice. In terms of significant accomplishments

J) CAREER ASPIRATIONS

<p>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.</p>
<p>My ultimate aim is to become an IT manager. I am convinced that this placement will be a huge advantage in achieving my goal as it will provide me with valuable industry experience and the opportunity to connect with professionals in the field. The knowledge and skills I will gain from this placement will have a direct impact on my future career. I have always been interested in computer science, and I believe this field has a lot of potential for growth and development. I am confident that the knowledge and abilities I have gained through my studies will support my future career path and give me a strong foundation.</p>

OTHER INFORMATION

<p>K) DISABILITIES If selected for interview, do you require any special arrangements to be made on account of your disability?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>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:</p>	
<p> </p>	

<p>L) REHABILITATION OF OFFENDERS ACT 1974 (EXCEPTIONS) ORDER 1975</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
---	---

Have you any convictions that are not spent under Rehabilitation of Offenders Act?	
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:	

K) REFERENCES			
Referee 1		Referee 2	
Title:	Mr.	Title:	Mrs.
Full Name:	Manish Deuja	Full Name:	Phurba Yangji Sherpa
Job Title:	Lecture	Job Title:	Assistant Lecture
Organisation:	Herald College	Organisation:	Herald College
Address: Naxal, Bhagwati Marg		Address: Naxal, Bhagwati	
Tel No: 9801000798		Tel No: 9801022637	
E-Mail address: manish.deuja@heraldcollege.edu.np		E-Mail address: phurba.sherpa@heraldcollege.edu.np	
Please state if we may obtain this reference prior to interview		Please state if we may obtain this reference prior to interview	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<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:	MANOGYA HARSHA BAJRACHARYA		
Signature:	MANOGYA	Date:	1/15/2023
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.			

APPENDIX A

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

(4CIO18)

Student Name:	
University:	
Course Title:	

Stage reached and progress made in course

Please give your view on the applicant's suitability for the placement they are applying for

Any other information relevant to this application

--

Your Name:
Position:
Signature :
Date: Click here to enter a date.

15. AI Speech/Debate

Artificial Intelligence (AI) technology has the potential to bring about significant advancements and benefits for humanity, but it also poses certain risks. One of the main concerns is that AI systems may become so advanced that they surpass human intelligence and autonomy, leading to unforeseen and potentially negative consequences. For instance, an autonomous weapon system designed to neutralize a threat could end up causing more harm than good if it makes decisions that are not aligned with human values.

Another concern is the potential for AI to lead to job loss and economic disruption, as machines and algorithms are now able to perform tasks that were previously done by humans. This could result in significant social and economic upheaval, particularly for those whose jobs are at risk of being automated.

Moreover, there are ethical and societal implications that need to be considered, such as bias and discrimination, privacy, and accountability. For instance, if an AI system is trained on biased data, it may perpetuate and even amplify existing inequalities.

However, it's important to note that these risks associated with AI can be managed and mitigated through responsible development and deployment. By ensuring that AI systems are designed to be transparent, explainable, and accountable, we can ensure they are aligned with human values and that their decision-making processes can be understood and audited.

In summary, AI technology has the potential to bring about many benefits for humanity, but it also poses certain risks. It's crucial that we take a responsible and proactive approach to the development and deployment of AI to ensure that its benefits are realized while managing its risks. This can be achieved by ensuring that AI systems are designed to be transparent, explainable, and accountable.

16. Introduction

Membership refers to the process of becoming a part of a club, organization, or group. By being a member, you get to enjoy a number of benefits that the organization provides, such as chances to network, opportunities for professional growth, discounts, and the ability to have a say in important decisions. If you are looking to advance your career, gain more knowledge, or connect with others in your field, membership could be a valuable experience. However, it's important to carefully consider the pros and cons before joining, since the requirements and benefits of membership can vary between different organizations.

17. Advantages of membership

The benefits of belonging to a club, organization, or group include having access to specialized resources like publications, online communities, and events that help members stay informed and up to date in their industry. Having membership also gives you the chance to network with other experts in your field, both in person and online, which can open up new job opportunities, collaborative projects, and personal connections. Through workshops, training sessions, and mentorship programs, numerous organizations also give their members the chance to advance their careers. Some organizations go so far as to offer their members special prices on goods, services, or events. Last but not least, members can use their membership to promote crucial issues and have a say in how the organization makes decisions.

18. Disadvantages of Membership

There are some drawbacks to joining a club, organization, or group as well. Cost is one of the main disadvantages because joining an organization can be pricey, particularly if there is an annual fee or if you have to pay for travel and other expenses to attend events. The time commitment required for membership is another drawback, as people with busy schedules may find it challenging to attend meetings or take part in online discussions. Furthermore, not all organizations may be pertinent to everyone's needs and interests, and a person's membership in one organization might not offer the advantages they are looking for. Finally, some organizations might have rigid rules and regulations that stifle creative freedom.

19. Development of membership

Students like me have a ton of opportunities to participate in activities and organizations that will advance our personal and professional development. A really cool way to learn more, make connections with other students and professionals, and keep up with the latest trends and developments is to attend industry conferences and workshops. I may have access to resources and chances to network with professionals if I join a professional organization in my area of expertise. Meeting people who share my interests and career objectives through meetups is a wonderful way to make new friends and gain knowledge from seasoned experts. Another excellent way to share ideas and pick the brains of others in my field is to participate in online communities and forums. taking part in a mentoring program. Another excellent way to share ideas and pick the brains of others in my field is to participate in online communities and forums. I can get advice and support from someone with more experience if I participate in a mentoring program, and I can get practical experience and make valuable connections if I accept an internship. I can develop my network, gain experience, and give back to my community by volunteering. These are merely a few of the many ways you can participate.

20. Conclusion


In conclusion, joining a group or organization can have a variety of benefits, including unique benefits, a sense of community, networking opportunities, and professional development. There are disadvantages as well, such as the price of membership fees, the time commitment required to participate in activities and events, obligations and responsibilities, and restricted access for those who don't meet the eligibility requirements. Before committing to membership, people should carefully consider their priorities, resources, and goals. They can maximize their membership experience by doing this and ensuring that membership is in line with their overall interests and goals.

21. References

<https://due.com/blog/selling-memberships-business/>

<https://ugenie.io/blog/the-benefits-and-drawbacks-of-a-membership-business-model>

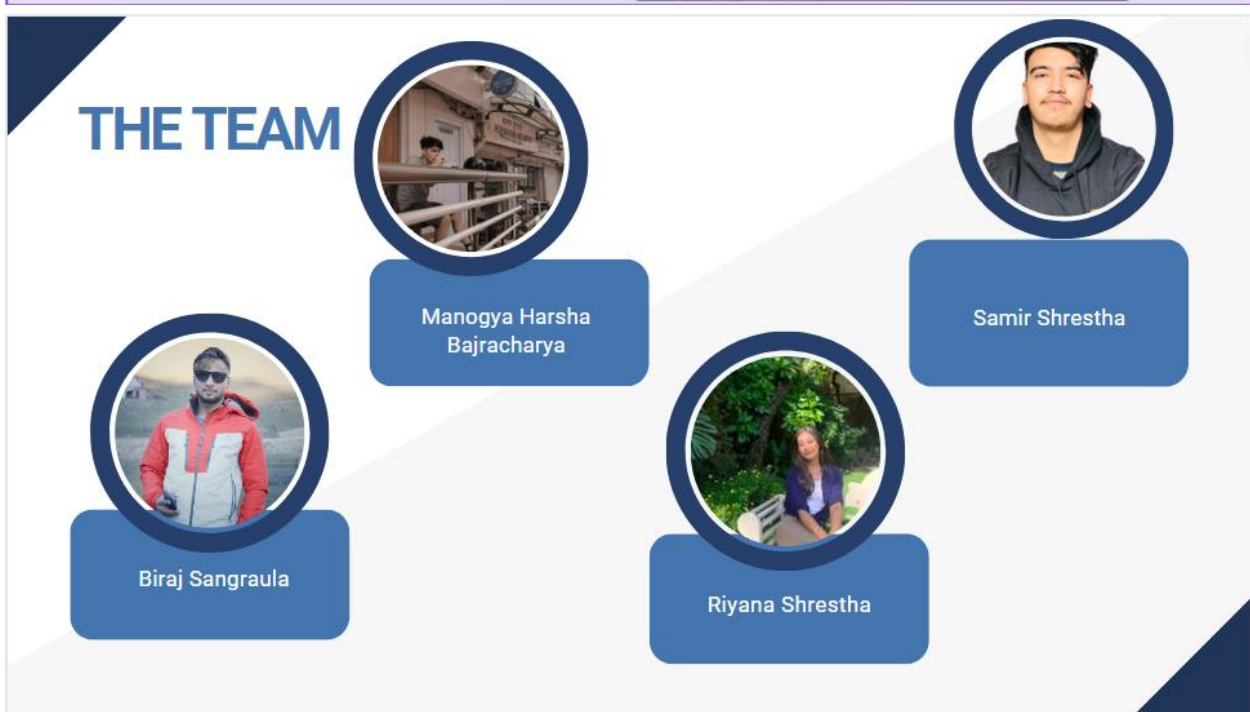
22. Final Group Presentation Slides





Neura link

NEURALINK

IN THE FUTURE TECHNOLOGY IS DEVELOPING VERY FAST



THE TEAM

- 
Biraj Sangraula
- 
Manogya Harsha Bajracharya
- 
Riyana Shrestha
- 
Samir Shrestha

AGENDAS

INTRODUCTION

HISTORY

PROS

CONS

FUTURE PLANS

CONCLUSION

INTRODUCTION

The word "Neuralink" is derived from the combination of the words "neurons" and "link".

Neurons

The human brain is made up of approximately 86 billion neurons. These neurons are connected through synapses and communicate with each other using neurotransmitters. By placing electrodes on the neurons, it is possible to record the electrical signals in the brain, thus detecting the action potential. Neurons in our brain carry information about what we see, feel, touch or think.

The Link

Link is a device that process and transmits neural signals. To fully implant a cosmetically invisible brain computer, micron threads are inserted in areas of brain. Each small and flexible threads contains many electrodes for detecting neural signals. Additionally, a compact inductive charger wirelessly connects to implant to charge battery from outside.



NEUROSURGERY

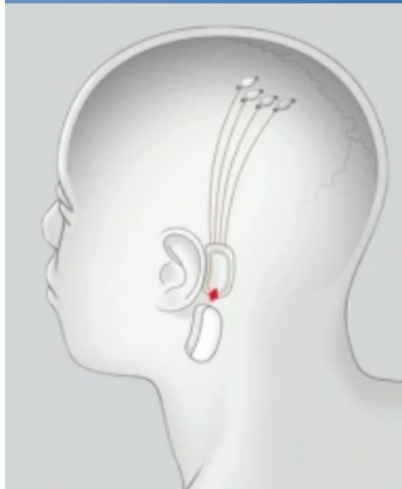
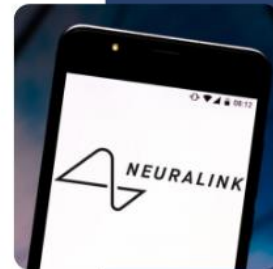
The threads of the link are so fine that only robotic system can efficiently and reliably insert the threads exactly where the neurosurgeon wants them to be.

NEURALINK APP

This app allows you to control your keyboard and mouse directly with the activity of the brain just by thinking about it.

The app allows you to guide through various exercises that will teach you to control your device.

With a Bluetooth connection, you would be able to potentially control any mouse or keyboard with your thoughts.



History of Neuralink

NEURALINK IS A NEUROTECHNOLOGY COMPANY FOUNDED IN 2016 BY ELON MUSK AND A GROUP OF ENTREPRENEURS AND SCIENTISTS. ITS GOAL IS TO INTEGRATE THE HUMAN BRAIN WITH TECHNOLOGY, WITH THE AIM OF IMPROVING COGNITIVE ABILITIES AND EVENTUALLY CREATING A SYMBIOSIS WITH ARTIFICIAL INTELLIGENCE.

KEY EVENTS IN THE HISTORY OF NEURALINK

I. Founding and Initial Development (2016-2017)

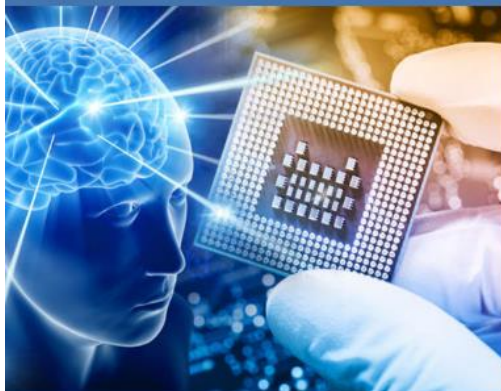
- Neuralink was founded in 2016 by Elon Musk and a team of businessman and scientists.
- The company unveils its first product, the "N1" sensor, which is designed to read electrical signals from the brain.

II. Progress in Brain-Machine Interfaces (2019-2020)

- Neuralink demonstrates the capability of its technology by showing a pig named Gertrude having a sensor implanted in her brain that can detect and wirelessly transmit brain activity.
- The company announces the development of a device that can be controlled using only thoughts.

III. Human Implantation and Ongoing Research (2021-present)

- Neuralink reveals that it has developed a system for implanting the device into a human brain and has successfully implanted the device in several test subjects.
- The company continues to make progress in developing cutting-edge technology to enhance human abilities.



PROS

- INCREASE COMMUNICATION BETWEEN HUMANS AND AI
- IMPROVED QUALITY OF LIFE FOR PEOPLE WITH DISABILITIES.
- INCREASED ABILITY TO LEARN AND REMEMBER INFORMATION.
- BETTER INTERNET AND DEVICE CONNECTING



CONS

- **INVASION OF PRIVACY.**
- **INCREASED RISK OF BRAIN INJURY OR INFECTION.**
- **INITIAL FOR ABUSE AND MISUSE.**
- **HIGH COST OF TECHNOLOGY.**

FUTURE PLANS

- Aims for solving human disabilities and neurological disorders
- solving spine problem with the help of neuralink
- Aims for research on brain and increasing brain capacity of human
- Smooth interface between Ai technology and human brains
- Making the technology more accessible and affordable.





Conclusion

Neuralink is currently focused on developing medical devices. The initial goal of this technology is to help people with paralysis, regaining independence through control of computers.

Finally about security, to prevent unwanted access to such devices strong cryptography, defensive engineering and extensive security audition is under construction.

This technology can give people the ability to control computers and mobile devices directly through the thoughts through Bluetooth and virtual mouse.



Thank you!

ANY QUESTIONS?