**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: | | DEV | | First Name: | AKRITI KUMARI |
| Title: | | Miss | | Preferred Name: | AKRITI |
| University Address: WULFRUNA STREET, WOLVERHAMPTON, UK  Mobile Number:  E-mail address: enquiries@wlv.ac.uk | | | | Home Address: GANABAHAL, KATHMANDU, NEPAL  Phone Number: +9779810338121  E-mail address: np03cs4a220202@heraldcollege.edu.np | |
| Nationality: | NEPALI | | | 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? | | | Yes  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: Miss Tara Devi Subedi Email Address-tara.subedi@heraldcollege.edu.np  Phone Number: +977 9801022637 |
| Main Subjects Studied: | Results to Date: |
| **Year 1:**  -Fundamentals of Computing  -Internet Software Architecture  -Academic Skills and Team Based Learning  -Embedded System Programming  -Introductory Programming and Problem Solving  -Computational Mathematics  **Year 2:**  -Distributed and Cloud System Programming  -Numerical Methods and Concurrency  -Object Oriented Design and Programming  -Concepts and Technologies of AI  -Human Computer Interaction  -Collaborative Development  **Year 3:**  -High Performance Computing  -Project and Professionalism  -Artificial Intelligence and Machine Learning  -Complex Systems  -Big Data | Ongoing |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **C) ACADEMIC QUALIFCATIONS** | | | | | |
| Secondary School/College | Dates | | Examinations taken | Date | Result |
| From | To |
| Arniko Secondary Boarding School  Trinity International College | 2009  2020 | 2020  2022 | NEB  NEB | 2020  2022 | 3.80  3.04 |

|  |
| --- |
| Other relevant Education or Training Courses, with dates |

|  |  |  |  |
| --- | --- | --- | --- |
| **D) WORK EXPERIENCE** (Most recent first) | | | |
| Dates  From To | | Employer Name | Position Held & Responsibilities |
| - | - | - | - |

|  |
| --- |
| **E) COMPUTING EXPERIENCE**  Please expand on your experience and knowledge of programming / use of software packages, including relevant examples |
| Being an intermediate student, I have basic knowledge of programming languages which includes Java and Python. For Java I have been using Blue J, and for Python, I have been using VS-code. As I have been using blue j, I believe there are some flaws in it encountering issues with file saving. I also have basic knowledge of HTML, CSS and JavaScript for creating responsive websites. |

|  |
| --- |
| **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? |
| I had been given two weeks to prepare a presentation with my group on the subject of "Autonomous Vehicle." This presentation in our class was graded. For this assignment, we set up a group on spaces and communicate over Gmail. We agreed upon how we would divide the allotted 20 minutes and the themes for this presentation. More time was allotted for lengthy issues, and less time was allotted for less significant topics. Since the project was tiny, we limited our investigation to surface area. On various websites and YouTube, we also learned a variety of things. As we gathered the data from an website that enjoys high national visibility, we made sure that every fact was accurate. If I have to undertake the same project again, I'll concentrate more on the research component and make the project more educational because this was absent in my project owing to a lack of time. |

|  |
| --- |
| **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? |
| When I was in class 10, I was given the responsibility of leading a group project and communicating with my teammates about every detail of it. I communicated via email while working on this project.  I choose to take that approach because I believe email to be the most effective offline communication tool above social networking. Additionally, some of my team members were not using social media so I decided to communicate through email.  To satisfy myself I asked each person to reply to me separately so I could determine whether they had understood the message or not.  As needed, I added further details and provided clarity in response to any questions or feedback regarding the message that I communicated. I also suggested setting up a meeting or phone call to talk about it in greater depth.  I believe that the email I sent with thorough information and resources was the most effective aspect of my communication. My teammates were able to gather all the information they needed , which made it easier for them to comprehend the message. |

|  |
| --- |
| **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? |
| I was assigned to do a coding challenge in Python which was about encryption and decryption using Caesar Cipher. The challenge was to create a program that encrypts and decrypts the text using the Caesar Cipher. The approach that I took to analyse the challenge are:  The obstacle that I encountered during this challenge was to understand the functions and use of them in Python Programming language. I was having trouble recalling all the processes and how they worked.  I was successful in completing the challenge and my program was able to prompt user to select a mode(encrypt) or (decrypt), check if the mode the user entered is valid or not, prompt the user for the message they would like to encrypt or decrypt, prompt the user whether they would like to encrypt or decrypt another message and check if the user has entered a valid input(Y/N) if not continue to prompt the user until they enter a valid response. |
| **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. | |
| **Interests:**   * I enjoy travelling. * I like dancing because it gets us moving. * I like to listen music because it helps keep my mind at ease. * I also like to play sports.   **Activities:**   * Participated in intra school Football, Basketball, Badminton and Table tennis competition. * Member of Dev Corps UI Visuals Community where we learn about designing user interfaces, front-end designs, and graphic designs. * Volunteered at school events.   **Major Achievements:**   * Won the intraschool competition for best football and basketball teams. * Was chosen to compete in a national handwriting competition. | |

|  |
| --- |
| **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. |
| I was attracted to Macro 4 because of my interest in backend developer. I find the field of backend developer to be very exciting and important, and I believe that Macro 4 is a great place for me to apply my knowledge and skills to real-world situations.  My future career aspirations is to become a backend developer. I believe that the placement position at Macro 4 will help me to achieve my goals by providing me the opportunity to work on a diverse range of projects and manage data. This will help me to develop my skills and gain broader understanding of the field.  I choose to study Computer Science because I am very enthusiastic about technology and had a dream to become a computer engineer. I choose this field because it makes world better, computer science jobs are lucrative and rewarding, develops transferable IT skills for a successful career. I believe that this program is essential step to achieve my career goals and objectives. As per my research this program balances advanced practical skills and theoretical knowledge to provide ability to enter IT disciplines and employment. |

**OTHER INFORMATION**

|  |  |
| --- | --- |
| **K) DISABILITIES**  If selected for interview, do you require any special arrangements to be made on account of your disability? | Yes  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: | |

|  |  |
| --- | --- |
| **L) REHABILITATION OF OFFENDERS ACT 1974 (EXCEPTIONS) ORDER 1975**  Have you any convictions that are not spent under Rehabilitation of Offenders Act? | Yes  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: | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **K) REFERENCES** | | | | |
| **Referee 1** |  | | **Referee 2** |  |
| Title: | Mr. | | Title: | Mr |
| Full Name: | Dipesh Shrestha | | Full Name: | Ishwor Luitel |
| Job Title: | Lecturer | | Job Title: | Tutor |
| Organisation | Herald College Kathmandu | | Organisation: | Herald College Kathmandu |
| Address: Bhagwati Marg, Naxal, Kathmandu | | | Address: Bhagwati Marg, Naxal, Kathmandu | |
| Tel No: 01 5970120 | | | Tel No: 9801000078 | |
| E-Mail address: Dipesh.shrestha@heraldcollege.edu.np | | | E-Mail address:  Ishwor.luitel@heraldcollege.edu.np | |
| Please state if we may obtain this reference prior to interview | | Yes  No | Please state if we may obtain this reference prior to interview | Yes  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: | Akriti Kumari Dev |  |  |
| Signature: |  | Date: | 19/01/2023 |
| 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

|  |  |
| --- | --- |
| **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. |