

**PROJECT AGREEMENT** dated \_\_\_\_01.04.2019\_\_\_\_

**BETWEEN THE FOLLOWING PARTIES:**

(1)

THE UNIVERSITY OF LEEDS

whose address is at

Leeds LS2 9JT

(**“the University”**);

(2)

Xuyang Cao

whose address is at

School of Computing  
University of Leeds  
LS2 9JT

(**“the Student”**); and

(3)

Edgetic Ltd

whose address is at

1 City Square  
Leeds  
West Yorkshire  
LS1 2ES

(**“the Host”**).

## **ALL PARTIES AGREE AS FOLLOWS**

### **1. PROJECT**

From *(date)* 01.04.2019\_\_ to *(date)* 04.09.2019\_\_ the Student shall undertake a project for the Host. This project shall involve:

Title: Big Data Analytics for Cloud Computing Datacenters

This project will develop a Big Data application for practical use in enhancing Cloud computing datacenters. The project will cover all aspect of designing and developing a Big Data application for commercial use, and involve using real operational traces from a Google cluster containing more than 12,000 servers or recent traces from AliCloud.

### **2. OBJECTIVES OF THE PROJECT**

2.1 The Student and the Host shall work together to try and achieve the objectives described below.

1. Research solutions to solve problems in data storage and processing.
2. Find patterns of data, e.g. resource utilization, behaviours of node-level, time series, based on the timeline during analysis of amounts of logs.
3. Locate the problems, e.g. straggler, failure, in a scheduling system.
4. Improve efficiency in scheduling virtual resources.

2.2 Reporting and review responsibilities on the progress of the Student are as described below.

### **3. PAYMENT**

The Student is not entitled to receive any payment, by way of wage, expenses or otherwise from the Host or the University as a consequence of this Agreement.

#### **4. INSURANCE AND LIABILITY**

- 4.1 The Host confirms that it has in place comprehensive public liability insurance that will cover liability for (a) death or bodily injury to the Student and (b) death or bodily injury to any other person or damage to third party property arising from the Student's actions whilst on the project.
- 4.2 The University shall not be responsible for the Student whilst visiting the company.
- 4.3 The Host shall comply with all health and safety laws, rules and guidelines and shall be responsible for the health and safety of the Student whilst on its premises or elsewhere in connection with the Host's business activities.
- 4.4 It is recognised that the Student will not be familiar with the Host's premises and the Host will adapt its procedures and supervision accordingly.
- 4.5 Where required the Host will carry out a risk assessment, provide training and protective clothing and equipment, make the Student fully aware of any special hazards or dangers and immediately report any accidents involving the Student to the University.
- 4.6 All material generated by the Student is not guaranteed to be in any way free of third party rights or accurate. The Host accepts that any material produced by the Student whilst on their project is used entirely at their own risk, all implied warranties are excluded. The Student and University have no liability if such material is used by the Host.
- 4.7 The Host warrants that all information it has provided to the University and Student regarding the conditions of the project are accurate and complete.

#### **5. STATUS OF THE STUDENT AND MEDICAL CONDITIONS**

- 5.1 The Student is undertaking the project on his/her own behalf. The Student is in no-way to be deemed an agent or representative of the University. The University is not responsible for the Student's conduct or safety.
- 5.2 The Student will make the Host aware of any disabilities, illnesses or special medical requirements that they may have.

#### **6. REPRESENTATIVES AND DIFFICULTIES**

- 6.1 The Host's representative shall be [*details of name, telephone number, email of representative to be inserted*].

Paul Townend 0113 350 7609 paul.townend@edgetic.com
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6.2 The University's representative shall be

Jie Xu 0113 34 36788 J.Xu@leeds.ac.uk
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6.3 All communications between the University and the Host shall be through the representatives mentioned above.

6.4 The Student will comply with the reasonable instructions, policies, guidelines and rules of the Host. If any difficulties arise from the project, including concerns about safety, or the Student's behaviour these shall be raised as soon as possible with the University.

6.5 At the end of the project the Student agrees if asked to complete a review form detailing their perceptions of the project. A copy of such review shall upon request be made available to the Host.

6.6 Any party may terminate the project if another party shall be in breach of their commitments.

## **7. INTELLECTUAL PROPERTY**

7.1 Both the University and the Host have a perpetual right, free of charge to independently exploit any new intellectual property developed in this project, for their own purposes

7.2 If the Student relies upon any intellectual property rights that belong to the University as part of their project the Host may not use such rights without the consent of the University's representative in writing.

7.3 If the Student relies upon any intellectual property rights that belong to the Host as part of their project the University may not use such rights without the consent of the Host's representative in writing.

7.4 If use is permitted of any material then the Host uses such material at their own risk, all implied warranties are excluded. The Student and the University shall have no liability if such material is used by the Host. The Student upon request shall identify any relevant University material (if necessary working with the co-operation of the University).

7.5 If use is permitted of any material then the University uses such material at their own risk, all implied warranties are excluded. The Student and the Host shall have no liability if such material is used by the University. The Student upon request shall identify any relevant Host material (if necessary working with the co-operation of the Host).

**8. EQUAL OPPORTUNITIES**

The Host shall not illegally discriminate against the Student and shall indemnify the University against any costs that may arise from such discrimination.

**9. GENERAL**

9.1 This Agreement represents the entire understanding between the parties and supersedes all other promises or arrangements.

9.2 This Agreement may only be varied with the written consent of all parties.

9.3 If any party shall at any time decide temporarily not to impose a term of this Agreement this shall not constitute a waiver and shall not prejudice such parties right to enforce such term at a later date.

This Agreement was entered into on the date first mentioned at the top of this Agreement.

Signed for and on behalf of  
The University of Leeds

by.....

Signed by

.....  
(the Student)

Signed for and on behalf of the Host

by.....