**The Hong Kong University of Science and Technology**

**MSc Program in Data-Driven Modeling**

**PHYS 6771 Data-Driven Modeling Seminars and Tutorials**

**Seminar Report Form**

**Note:**

1. Each seminar summary: > 100 words.
2. You can attach your notes taken in the seminar with equivalent word limits (handwritten notes are fine), but do not copy from any existing materials.
3. After each seminar, please submit your form to mscddm@ust.hk or the Program Office at Room 4452.

**Section I. Personal Particulars**

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| Student’s Name: | ZHANG Mingtao | Student ID: | 20989977 |

**Session II. Seminar Report**

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| Date: | 24 November 2023 (Friday) | Time: | 4:00 – 5:00 pm HKT |
| Title: | **Cracking the Data Interview** | | |
| Speaker: | Dr. Monica CHENG, CEO and Co-Founder, DataMIMO LLC | | |
| Summary:  (>100 words) | Both physics and DS/ML focus on the causality and correlation between multiple variables, use hypothesis testing and experimentation a lot, build models (regression, classification, clustering etc.)  High Tech needs these methods:  Forecasting (supply and demand)  Search and advertising  Computer vision  Natural language processing  Customer understanding and personalization  Recommendation system  Robotics    Finance:  Automating risk management  Managing customer data  Predictive analytics  Deep personalization and customization  Real-time analytics  Fraud detection  Consumer analytics  Algorithmic trading    **Resume**: Key words+Industrial experience  **Interview**: Who is the other party; Self introduction; Interaction; Body languages; Softskills: Adaptability; Culture fit; Collaboratlon; Leadership Potentlal; Prioritization.  **Posting**: Hiring committee Pre-brief; Resume pool; Job posting  **Assessing**: Online test Phone screen; Feedback From phone screen; On-site Interview; Hiring committee De-brief  **Offering**: Offer negotiation; Team matching | | |
| The question you/your classmate asked that inspired you the most in the seminar:    Many jobs need lots of experience while hard for fresh students to apply for, how can we get some starting experience like internship?    Speaker's answer to the above question:  Still many opportunities designed for junior people.  We can only prepare better, first try to do some internship or at least some projects, also prepare some softskills, practice yourself to be extrovert. | | | |
| Attachments: \_\_\_\_ pages (if any, for example, handwritten summaries) | | | |

**Session III. For the Program Office of MSc in Data-Driven Modeling Use Only**

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| Submission Date: |  | | |
| Verified by: |  | Verified date: |  |