University of Electronic Science and Technology of China

Grade 2017 Bachelor Thesis Interim Review Form

School: Information and Software Engineering **Date: 2021/04/21**

<table>
<tr><td colspan="6">The following content is filled in by the student</td></tr>
<tr><td>Name</td><td>Ubongabasi Etim</td><td>Title</td><td colspan="3">Gaussian Process Prediction of Stock Price Trends</td></tr>
<tr><td>Student ID</td><td>2017221501010</td><td>Source of subject</td><td colspan="3">Scientific Research Production Teaching (including Experiment) Innovation and Entrepreneurship</td></tr>
<tr><td>Supervisor</td><td>Weidong Wang</td><td>Location</td><td>On Campus</td><td colspan="2">Off Campus</td></tr>
<tr><td>Time</td><td colspan="5">From February 03, 2021 to May 31, 2021</td></tr>
<tr><td colspan="6">The following content is filled in by the examiner</td></tr>
<tr><td>Project Core</td><td colspan="5">Based on the comprehensive understanding on the Gaussian process regression model, make predictions on the stock market based on Gaussian process method.</td></tr>
<tr><td>Progress</td><td colspan="5">Gaussian process regression method has been studied and the algorithm design of Gaussian process regression is underway. Further study and research are needed before going next.</td></tr>
<tr><td>Difficulty</td><td colspan="5">Choose appropriate dataset and make data preparation.</td></tr>
<tr><td>Solution and Advice</td><td colspan="5">Choose dataset from UCI machine learning repository or online practical real dataset. Before model fitting, the data should be preprocessed such as cleaning, normalizing etc.

Signature: Weidong Wang</td></tr>
<tr><td rowspan="2">Result</td><td>Excellent</td><td>Good</td><td>Moderate</td><td>Pass</td><td>Fail</td></tr>
<tr><td></td><td></td><td></td><td>√</td><td></td></tr>
</table>

Note: 1. The contents of this form should be filled out truthfully;

2. This form should be kept in a safe place so that it can be bound in the thesis;

3. After the school has classified and summarized the reports, they shall be submitted to the Practice Teaching Section of the Academic Affairs Office for the record.