


**Suppose Renjie and Quan are teammates, if both of them make a submission on Gradescope, it would be look like below:**

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2 Submissions  1 / 3 Students Have Not Submitted

STUDENT	SUBMITTED
Quan Guo	Feb 22 04:09 PM
Rnejie Yao	Feb 22 04:10 PM

< Previous Submissions 1 - 2 of 2 total

However, this is **WRONG** , the submission is not at team level but two individual submissions.

Here we provide the correct way to submit at team level. The screen shot may not look same since our Gradescope account is “TA” and your account is “STUDENT”, but it should not be very different:

Go to your submission and look for “Group Member” at bottom:

### CSE6250 Syllabus (001/OAN)

#### Big Data Healthcare

##### Instructor Information

Instructor	Email	Office Hours & Location
Jinmeng Sun	jsun@cc.gatech.edu	Schedule by Email
Teaching Assistant(s)	Email	Office Hours & Location
Quan Guo	qguo48@gatech.edu	TBD

##### General Information

###### Description

Data science plays an important role in many industries. In facing massive amount of heterogeneous data, scalable machine learning and data mining algorithms and systems become extremely important for data scientists. The growth of volume, complexity and speed in data drives the need for scalable data analytic algorithms and systems. In this course, we study such algorithms and systems in the context of healthcare applications.

In healthcare, large amounts of heterogeneous medical data have become available in various healthcare organizations (payers, providers, pharmaceuticals). This data could be an enabling resource for deriving insights for improving care delivery and reducing waste. The enormity and complexity of these data-sets present great challenges in analyses and subsequent applications to a practical clinical environment. In this course, we introduce the characteristics of medical data and associated data mining challenges on dealing with such data. We cover various algorithms and systems for big data analytics. We focus on studying those big data techniques in the context of concrete healthcare analytic applications such as *predictive modeling*, *computational phenotyping* and *patient similarity*. We also study big data analytic technology:

1. Scalable machine learning algorithms such as online learning and fast similarity search;
2. Big data analytic system such as Hadoop family (Hive, Pig, HBase), Spark and Graph DB

##### Pre- &/or Co-Requisites

1. Good machine learning and data mining concepts such as classification and clustering;
2. Proficient programming and system skills in Scala , Python and Java;
3. Proficient knowledge and experience in dealing with data and understand the ETL process(recommended skills include SQL, NoSQL such as MongoDB)
4. Minimum grade of C for MATH 3215 or MATH 3225 or ECE 3077 or ISYE 2027. Two of the following:
  - CX 4240: Introduction to Computing for Data Analysis
  - CS 4400 - Introduction to Database Systems
  - CX 4242: Data and Visual Analytics

Page 1

Sample Proposal Submission

UNGRADED

STUDENT

Quan Guo

View or edit group

TOTAL POINTS

- / 1 pts

QUESTION 1

q1

1 pt

Group Members

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Submission History

Next Question >

Search your teammate's name:

## E6250 Syllabus

### Data Healthcare

#### Instructor Information

Instructor  
Guo Sun

#### Teaching Assistant(s)

Guo

### General Information

#### Description

Machine science plays an important role in processing heterogeneous data, scalable machine learning is extremely important for data science. There is the need for scalable data mining algorithms and systems in the context of healthcare, large amounts of healthcare data from healthcare organizations (payers, providers, etc.) are the source for deriving insights for improving the complexity of these data-sets present in the practical clinical environment. In this course, we will discuss associated data mining challenges and design machine learning systems for big data analytics in the context of concrete healthcare analytic applications such as *drug discovery*, *phenotyping* and *patient similarity*.

- Scalable machine learning algorithms
- Big data analytic system such as MapReduce

#### Prerequisites &/or Co-Requisites


- Good machine learning and data mining concepts such as classification and clustering;
- Proficient programming and system skills in Scala, Python and Java;
- Proficient knowledge and experience in dealing with data and understand the ETL process (recommended skills include SQL, NoSQL such as MongoDB)

Minimum grade of C- for MATH 2245 or MATH 2235 or ECE 2037 or ECE 2037. Two of the following:

## Group Members

**+** Add or remove group members for this submission.

Your instructor has allowed you to submit as a group of up to **2 people**. You can change the group below. Students added or removed will be notified via email.

STUDENT	REMOVE
Quan Guo	

**ADD STUDENT**

**Xiaocheng Chen**  
xchen788@gatech.edu

**Renjie Yao**  
ryao36@gatech.edu

Add your teammate's name in this submission:

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## Group Members

Add or remove group members for this submission.

Your instructor has allowed you to submit as a group of up to **2 people**.  
You can change the group below. Students added or removed will be notified via email.

STUDENT	REMOVE
Quan Guo	<div></div>
Renjie Yao	<div></div>

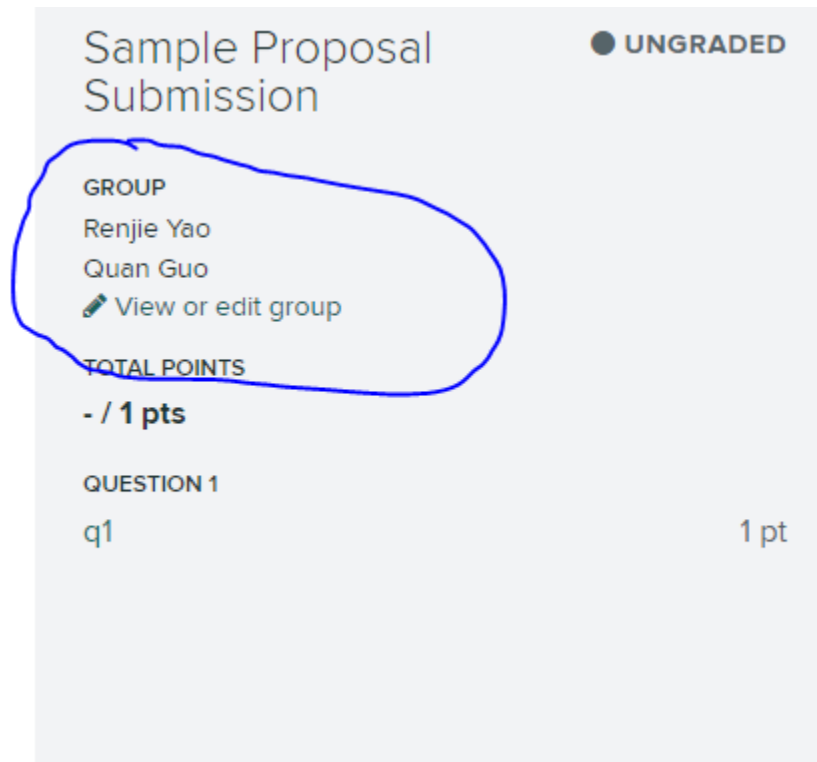
ADD STUDENT

Search students by name or email...

Add

Cancel

Check whether the name is added, it should look like:



After adding your teammates, your submission will appear as (two names under the “STUDENT” category):

Manage Submissions

On this page you can replace individual submission PDFs and remove submissions.

1 Submission 1 / 3 Students Have Not Submitted

STUDENT	SUBMITTED	GRADED
Quan Guo, Renjie Yao	Feb 22 04:09 PM	0%

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Submissions 1 - 1 of 1 total