Offered in Fall 2018

Instructor
Dr. Zhe Jiang (zjiang@cs.ua.edu)
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Dr. Jiang is an expert in the field, with publications on top data science conference and journals such as IEEE ICDM, IEEE TKDE.

Time: MWF 10:00–10:50 a.m.
Location: SERC 1014

Sample Topics
• Introduction to data science
• Supervised learning
• Clustering
• Anomaly detection
• Deep learning
• Big data analytics
• Advanced applications

Goal: Prepare the next generation data scientists and researchers in diverse applications.

The average salary for Data Scientists is $130,062 per year (by Indeed.com)

Data scientist job positions is projected to be close to 3 million by 2020 (by IBM).

Prerequisite:
• Basic statistics and probability
• Know a script language (e.g., R, Matlab, or Python), which can be self-learned in a few weeks.

Students from majors outside computer science are encouraged to register, but please consult with the instructor on your background.

Data Scientist:
The Sexiest Job of the 21st Century

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