CMSC 491/691
A Web of Data
Administrivia

Fall 2016
Course Objectives

• Understand SW concepts, motivation and goals
• Be able to create and use SW ontologies
• Understand the different kinds of SW reasoning
• Familiarity with SW languages and standards
• Create, consume & manipulate SW data
• Ability to use SW software tools and systems
• Know alternatives: XML, JSON, Microdata, Schema.org, ...
• Ability to define and implement a SW project
Grading

• Grades will be based on homework, exam(s), a project and participation
• Participation includes in class & on Piazza
• 6-8 short homework assignments
  – May experiment with peer assessment
  – Submission details TBD
• In class exam near middle of term
• Projects can be individual or small groups and will have a proposal and final report
Instructor availability

Instructor: Professor Tim Finin
- Pronounced like *fine* + *in*, not like *fin* + *in*
- Official office hours: by arrangement
- Drop in whenever my door is open
- Direct general questions (i.e., those that other students may also be wondering about and that Google can’t answer) to Piazza first
- We’ll try to respond to postings on the discussion list or private email messages within 24 hours

TA: Taneeya Satyapanich, taneeya1@umbc.edu, ITE 344, office hours: Tue and Wed 2:00-3:30
Programming, etc.

• The homework assignments will require using various systems and tools
• Some will require programming, which can be done in a language of your choice (e.g., Java, Python)
• Our examples will be demonstrated in Unix (Linux or MAC OS X), but most can be made to work on Windows
• Having a web server on your own computer may be useful