

CSCI 421 Mid-Term Study Guide – Part 1 and Part 2 (through page 240)

This study guide is provided for your review. Please come prepared to the exam knowing the material and able to do the types of problems reviewed in this guide.

- 1) So far in the book and the lecture notes you have been exposed to at least 20 different terms you must know the definitions of. These terms will not be listed for you. Study, read, review.
- 2) Be able to describe in your own words (that align with the sentiments of the book) the benefits of learning *Full Stack* development.
- 3) Understand the MEAN Stack and its component technologies.
- 4) Be versed in the history of web development as it relates to the rise and divergence of front-end and back-end development and developers.
- 5) Understand the REST API standard as it relates to database CRUD.
- 6) *Know your way around* an Express application in it's different architectures (Routes and Views, MVC with REST API).
- 7) Be able to describe the common database methods used for adding, updating, deleting documents to a MongoDB and be prepared to discuss the importance of the use of callback functions in those methods.