Final Exam Overview

Nelson Padua-Perez
Chau-Wen Tseng

Department of Computer Science
University of Maryland, College Park

Final Exam

- Time & place
  - Dec 16th, 4-6pm
  - EGR 1202 (Martin Hall)

- Content
  - Entire course
  - Emphasis on newer material
Overview of Topics

1. Software engineering & OO design
2. Algorithm complexity
3. Data structures & recursion
4. Graph algorithms
5. Compression & Huffman codes
6. Advanced tree structures
7. Java language features
8. Multithreading & synchronization
9. Design patterns
10. Sorting and algorithm strategies

Question Formats

- True/ false questions
- Short 1-2 sentence answers
- Design OOP classes, read UML diagrams
- Analyze algorithmic complexity of code
- Apply & describe algorithms
- Write code
Wrap Up

Finally

Good luck on Exam

And

Have a nice Xmas!