

Project Grading Form

Student Team: _____

COMP 482—Fall 2007

Analysis of Algorithms & Data Structures

| Paper section | | | Max pts | Actual |
|--|---|--|---------|--------|
| Abstract Provides a concise summary of all the major points and conclusions of the report | | | 5 | |
| Comments: | | | | |
| Introduction Defines clearly and explains the significance of the problem the project tackles | 4 | | 10 | |
| Discusses historical approaches to tackling the problem (w/references) | 3 | | | |
| States specific project goals; provides hypothesis and expected results | 3 | | | |
| Comments: | | | | |
| Methods (Algorithms and Implementation) Summarizes algorithms, highlighting project-specific features | 8 | | 16 | |
| Describes and explains optimizations performed and platform and programming language selected | | | | |
| Describes testing platform and procedures, and demonstrates their suitability for testing hypothesis | 2 | | | |
| Discusses reasons for using specific benchmarks and rationale for selecting test data (quality of benchmarks and test data factors into score) | 6 | | | |
| Comments: | | | | |



| Paper section | | | MAX pts | Actual |
|--|----|--|---------|--------|
| Results and Discussion (Benchmarking and Analysis) | | | 40 | |
| Compares algorithms on each category of benchmark and in terms of both theoretical and empirical behavior observed | 4 | | | |
| Summarizes and presents data coherently, using appropriate, well-designed graphs and charts | 13 | | | |
| Sufficiently describes and explains all data, including anomalies and special cases | 13 | | | |
| Considers implications of the results; relates results back to project hypothesis | 10 | | | |
| Comments: | | | | |
| Conclusion | | | 9 | |
| Clearly summarizes the ultimate findings of the project, relating these back to project hypothesis | 3 | | | |
| Generalizes results, sufficiently supporting claims | 3 | | | |
| Reiterates the reason for the study and places motivation into the context of the results obtained | 3 | | | |
| Comments: | | | | |
| References | | | 5 | |
| Cites peer-reviewed literature or other quality sources in a consistent format at appropriate points in the paper | | | | |
| Comments: | | | | |
| Quality of project choice and writing | | | 15 | |
| Chooses unique and/or challenging project | 5 | | | |
| Organizes and structures paper to convey argument logically (considers audience; uses forecasting statements) | 5 | | | |
| Demonstrates professional command of basic writing mechanics (grammar, syntax, word choice, etc.) | 5 | | | |
| Comments: | | | | |
| TOTAL (OVERALL GRADE) | | | 100 | |

