

Project Grading Form

Student Team: _____

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) 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 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 Cites peer-reviewed literature or other quality sources in a consistent format at appropriate points in the paper				
Comments:			5	
Quality of project choice and writing 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	

