RESET

Georgia Tech
College of Computing

Degree Worksheet
MSCS
Area of Specialization: High Performance Computing

High Performance Computing Specialization	= 15 hours of core + required electives 15 hours of "free" electives 30 Hours Total for Degree	Must earn grades of "B" or higher in all courses that count in Area of Specialization. Must earn a minimum 3.0 overall GPA to graduate. Only letter grade coursework will count.

SECTION 1 - Demographics

Name: _____ **GT ID#** (example: *90XXXXXXX*)**:** _____

Graduation Semester (example: *Spring 2024*)**:** _____ **Date:** _____

SECTION 2 – High Performance Computing Core (6 hours)

BOTH are required:

Mark (X)	Prefix & No.	Course Title	Semester Taken	Credit Hours	Grade
	CSE 6140	Computational Science and Engineering Algorithms			
	CSE 6220	High Performance Computing			

Transfer Credit / Substitutions

Prefix & No.	Course Title	Semester Taken	Credit Hours	Grade

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SECTION 3 – High Performance Computing Required Electives (9 hours)

Pick three (3) courses:

Mark (X)	Prefix & No.	Course Title	Semester Taken	Credit Hours	Grade
	CSE 6221	Multicore Computing: Concurrency and Parallelism on the Desktop			
	CS/CSE 6230	High-Performance Parallel Computing: Tools and Applications			
	CS 6241	Compiler Design			
	CS 6290	High-Performance Computer Architecture			
	CS/CSE 8803	Special Topics: Parallel Numerical Algorithms			
	CSE 6236	Parallel and Distributed Simulation			
	CSE 8803	Special Topics: Hot Topics in Parallel Computing			

Transfer Credit / Substitutions

Prefix & No.	Course Title	Semester Taken	Credit Hours	Grade

SECTION 4 – "Free" Electives (15 hours) *"Free" Electives are any remaining letter grade courses not used above and within program rules.*

Prefix & No.	Course Title	Semester Taken	Credit Hours	Grade

Transfer Credit / Substitutions

Prefix & No.	Course Title	Semester Taken	Credit Hours	Grade

This section to be completed by MSCS Advisor

Notes: **S-GPA:** _____ **C-GPA:** _____

Advisor Sign _____ Date _____