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EECS 560 Lab09 Report

Min Leftist Heap Build Time

$y = 2E\text{-}06x - 0.013$
$R^2 = 0.9756$

CPU Time (Seconds) — Input Size

Min Leftist Heap	
Input Size	CPU Time
100000	0.140559
200000	0.33955
300000	0.566248
400000	0.759204
500000	0.83146

Min Skew Heap Build Time

$y = 4E\text{-}07x + 0.0026$
$R^2 = 0.9901$

CPU Time (Seconds) — Input Size
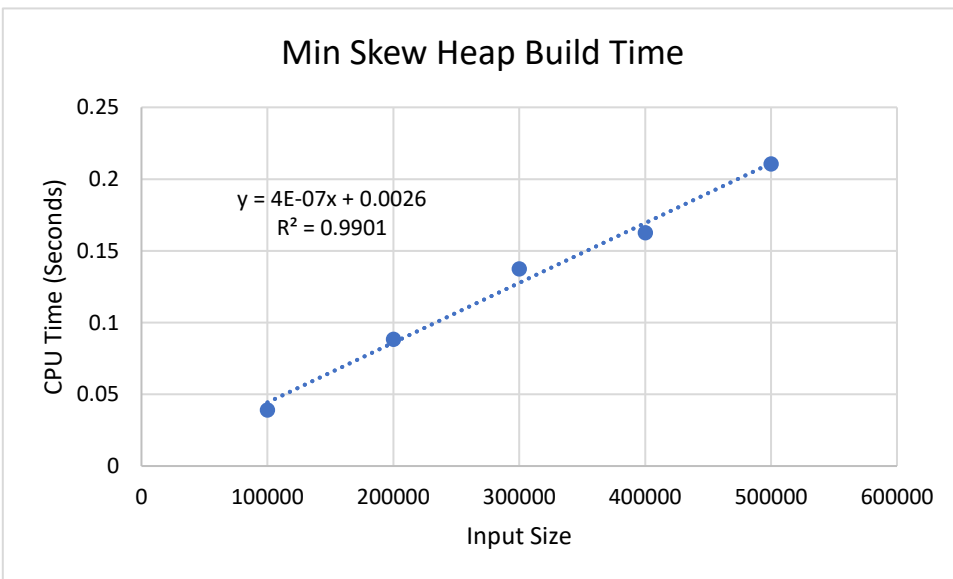
Min Skew Heap	
Input Size	CPU Time
100000	0.039192
200000	0.088437
300000	0.137444
400000	0.162636
500000	0.21054