

I. INTRODUCTION

A new sorting algorithm called "Darksort" or "darksort" has been created by me. In this paper you will find the algorithm itself, some direct proofs of run time, and comparison to other sorting algorithms. In general it runs in $O(n)$ time and space complexity. It uses advanced data structures to improve speed in sorting. It is an integer sorting algorithm. Darksort is a new sorting algorithm that is explained in this paper.