

CSCI 2670 Capstone Project: WeenixOS

Tianran Zhang

Spring 2024

Abstract

My capstone project focuses on building the Weenix operating system throughout the semester. It covers five key components: Processes and Threads, Drivers, Virtual File System, System V File System, and Virtual Memory. Through this project, I gained insights into fundamental aspects of modern operating systems, including disk storage, kernel operations, memory allocation, and system calls. Additionally, I enhanced my debugging skills using tools like gdb.