

# ENEE459B: Reverse Engineering Lab

## Lab Homework #2: Data Structures

### Overview

You have been provided a simple utility that was written by a past co-worker, but nobody is quite sure what it does! It seems to be **saving a binary file**.

What is it doing, and what format is the binary file in?

### Tasks

1. (5 pts) What data is the utility **collecting**? How is the data being collected?
2. (7 pts) The utility uses a **structure**. Provide a **C-type definition** for the structure. Make sure the **types of the structure members are as accurate as possible**.
3. (3 pts) Occasionally, there is a **warning text** triggered by the program. Under what **conditions** does this trigger? **Figure out a way to cause it** to trigger and **describe** it (with a **screenshot**).