

# CSCI474 - Course Project Proposal

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***Abstract***—The National Institute of Standards and Technology, NIST, defines fifteen separate tests for the randomness and unpredictability of random numbers. True Random, Deskewed True Random and Pseudorandom are the three classes of random numbers that are going to be compared using the tests outlined by NIST. We plan to use a Python implementation that will provide us the P-values to compare and contrast to determine the random numbers that are closest to being truly random. The generation of the random numbers will also be considered when discussing the choice in relation to cryptography.

***Index Terms***—keywords, here

## I. INTRODUCTION

Introduction here.

## II. METHODS

Methodology/Implementation here.

## III. EXPECTED RESULTS

Expected Results here.

## IV. CONCLUSION

Conclusion here.