Yifan Ni

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EDUCATION

University of Delaware, Newark, DE

Bachelor of Science in Computer Science - Cyber Security Concentration, May 2022

- GPA: **3.3/4.0**
- Core Courses: System Hardening; Introduction To Network Security
- Dean's List. Spring 2020, Dean's List. Fall 2019, Dean's List. Fall 2017

PROFESSIONAL EXPERIENCE

State Grid Corporation of China in Hefei

Part-time Cybersecurity Engineer Assistant   *07/21 – 08/21*

Test Hacking into Anhui HUILONG CO. LTD with the consent of the company. By using tools such as Nmap, Burpsuite through default port, successfully got the OA root password and login to the OA system.

VMware, Online

Part-time Software Engineer Assistant to xx who works at VMware   *07/20 – 07/20*

Simple html5 "remember and paring" game implemented in Python for mouse interaction to reveal pattern under blocks after clicking with comprehensive use of mouse click event and Python class.

KEY ACADEMIC PROJECT

Microbots UD Senior Design Program (WIP)   *09/21 –*

- Design an image processing program to track the position and speed of microbots(in micron) from video/stream of the monitoring camera on the microscope.

Beatmaker UD CISC474 Group Design (WIP)   *09/21 –*

- Design a website based on HTML5 where users can upload or select a set of sounds and create their musical beat. Once the user is satisfied with their beat, they can save their musical creation to an audio file for future reference. The user will queue up different types of sounds in a time sequence and generate a beat where they can export it to a singular mp3 file.

Reverse engineering for iOS program (not commercial)   *07/21 – 07/21*

- Using a jailbroken iOS device, dumped decrypted program file with Frida, in Python environment, from RAM and use IDA read the assembly language then find MD5 hash exit point and change the binary "EXIT" to "NO OPERATION" to crack the program and modify the program files.

Hardware programming UD CISC210 Final Project   *10/19 – 12/19*

- Simple project of Gyroscope, implemented by C on a Sensehat on Raspberry pi. The Sensehat will create a 2x2 block showing different position and color on the hat to indicate the incline of the surface after calibrated.
  https://github.com/Psy1ALise/Gyroscope

LEADERSHIP AND COMMUNITY

- 07/21 Volunteering for Autism Children Gallery in Hefei
- 09/19 – 09/20 UDCSSA member

TECHNICAL AND LANGUAGE PROFICIENCIES

- Computer Skills: C, Python, C++, Java; Basic website editing experience; Proficient in XML (like) editor
- Bilingual in Chinese and English, Conversational in Japanese.