


ESTELLE OCRAN

 eeo259@nyu.edu

 New York, New York 10003

SKILLS

PROGRAMMING

- Python
- Java
- C/C++
- HTML | CSS | Javascript
- MySQL | SQLite

TOOLS

- Git
- Bash
- Adobe Suite
- Keras | Tensorflow | Numpy
- Arduino

INTERESTS

- Computer Security
- Machine Learning
- Web Development
- Software Engineering

EDUCATION

New York University
New York • 2021

Bachelor of Science: Computer
Science

- Minors: Interactive Media & Music

RELATED COURSEWORK

Introduction to Computer Science |
Discrete Mathematics | Software
Engineering | Algorithms | Data
Structures | Database Systems |
Computer Systems Organization |
Introduction to Interactive Media |
Communications Lab

PROFESSIONAL SUMMARY

Self-directed and motivated Computer Science student with extensive knowledge of programming and computer applications and experienced in working effectively in dynamic environments. Looking for an opportunity in the field of information technology as a computer programmer in a renowned organization.

WORK HISTORY

Modern Microprocessors Architecture Lab, NYU - Research Intern
Abu Dhabi, UAE | 05/2019 - 07/2019

- Developed an algorithm to identify security backdoors and poisoned inputs in machine learning models.
- Improved security against backdoors in machine learning models by 60% through developing filters that identify and remove triggers from poisoned inputs.

NYU Online Services & Applications, OSA - Intern
Abu Dhabi, UAE | 02/2019 - Current

- Upgraded and maintained web and application services across all browsers, which led to 30% more web traffic.
- Analyzed short and long-term implications of technological changes in the market and made recommendations on opportunities to improve services.

OTHER PROJECTS

HANEEN
04/2019

- Created a mobile solution which converts Arabizi/English to pure Arabic text using NLP Python NLTK, Rosetta API, Repustate API, and Java. The solution won 2nd place at the NYUAD Hackathon for Social Good in the Arab World 2019.

ACTIVITIES

CYBER# | Member
Abu Dhabi, UAE | 10/2018 - Present.

- Competed in challenges on cryptography, binary exploitation, web exploitation and digital forensics as well as led sessions on cybersecurity and hacking.

LINKS

Github: github.com/estelle-elizabeth
LinkedIn: www.linkedin.com/in/estelle-ocran-685587178/