

RESEARCH, MENTORING, TEACHING AND WORK EXPERIENCE

Research Assistant, *New York University*

Sept 2018 – present

- Part of the Privacy and Security Automation Lab (PSAL), directed by Professor Rachel Greenstadt.
- Researched ways to extract informative features from executable binaries with the goal of attributing them to their authors as part of the on the Authorship Attribution project.
- Working on developing a system that uses dynamic features extracted during the runtime of binary files to classify files according to authorship.
- Technologies used: Python, Java, scikit-learn

ARISE Student Mentor, *New York University*

Summer 2019, 2020

- Supervised a group of high school student mentee involved in a research project during the summers involving authorship attribution and spread of misinformation on social media.
- Guided them through the experimental design process and presentation for the ARISE (Applied Research Innovations in Science and Engineering) Research Symposium.

Software Intern *W2020, Tirane, Albania*

May 2017 – August 2017

- Worked on a management system for a transportations company.
- Helped build a web application that kept track of all the trucks, drivers and other company resources.
- Technologies used: PHP, Laravel, HTML, CSS

Teacher Assistant/ Grader, *Truman State University*

Jan 2017 – May 2017

- Tutored students for various Java programming topics and graded exams and homework.

Tutor for Introductory Mathematics Course, *American University in Bulgaria*

Jan 2015 – May 2016

- Graded homework and provided constructive feedback on them.
- Created sample quizzes and solved them at the weekly tutorial sessions.

EDUCATION

NEW YORK UNIVERSITY, TANDON SCHOOL OF ENGINEERING, Brooklyn, NY

Master of Science in Computer Science, PhD in Computer Science
Current GPA 3.96/4.0

Relevant Courses: Artificial Intelligence, Design and Analysis of Algorithms I & II, Machine Learning, Privacy in the Electronic Society, Network Security

AMERICAN UNIVERSITY IN BULGARIA

Bachelor of Arts, Computer Science; Information Systems; Minor: Mathematics
CGPA 3.98/4.0;

TRUMAN STATE UNIVERSITY IN KIRKSVILLE, MISSOURI

International Student Exchange Program (ISEP)
GPA 4.0/4.0

Jan 2019 – present

Aug 2014 – May 2018

Aug 2016 – May 2017

ACADEMIC SERVICE

- Co-Chair of CSAW '20 North America Applied Research Competition
- Grace Hopper Conference 2020 PC Member of the Track: Security and Privacy
- USENIX Security Symposium'19, USENIX Security Symposium'20 External Reviewer

AWARDS AND ACHIEVEMENTS

- Outstanding Achievement in Information Systems – Class of 2018 Honors Convocation
- Open Society Institute Albania – American University in Bulgaria full-tuition merit Based Scholarship
- Dean's List: Fall 2014 – Spring 2016; President's List: Fall 2015, Spring 2016
- Winner of the regional Mathematics Olympiad in Tirane, Albania Dec 2013