






Uros Stanic

 ili0n |  ili0n |  stanic@tamu.edu |  uros-stanic.com |  979.344.4351

EDUCATION

PhD in Computer Science	Jan 2025 – Present
Texas A&M University, College Station, TX (GPA: 4.0/4.0)	
Bachelor's with Honors in Software Engineering	Oct 2020 – Oct 2024
University of Novi Sad - Faculty of Technical Sciences (GPA: 9.58/10.0)	

RESEARCH EXPERIENCE

<i>Research Assistant</i> at Texas A&M University	Jan 2025 – Present
<ul style="list-style-type: none">Develop and maintain a custom sandbox for malware tracing and fuzzing of malware samples, based on Intel Pin instrumentation.Apply AI classifiers, rule-based, and capabilities techniques for malware detection and classification based on logs collected from the aforementioned sandbox.Conduct research in dynamic malware analysis under Dr. Marcus Botacin.	
<i>Visiting Research Intern</i> at Texas A&M University	Jul 2023 – Sep 2023
<ul style="list-style-type: none">Completed a malware research internship through the CSSAP program.Designed and implemented a sandbox using Intel Pin to trace Windows API calls of executables.	

PROJECTS

AI-powered fuzzing smart sandbox	Ongoing
<ul style="list-style-type: none">AI-guided optimal fuzzing of malware samples in the sandbox to build a function call graph. The product of fuzzing is function call graphs, which improve classification over traditional methods.	
Best practices for malware sandboxing	Ongoing
<ul style="list-style-type: none">Review of current state-of-the-art, identify shortcomings, and provide the best practices regarding data collection and model architecture. Compare AI detection to rule-based techniques.	
Bachelor's Thesis: Dynamic Binary Instrumentation Implementation	Completed 2024
<ul style="list-style-type: none">Implemented Intel Pin instrumentation for dynamic tracing of Windows API calls (200+ most common ones for malware detection).	

CERTIFICATES

Intro to Dark Web Operations, Security Blue Team	Aug 2024
TamuHack mentor	Jan 2026

SKILLS

Cybersecurity	Malware analysis, Malware detection, OSINT, Steganography, C/C++
AI	Binary classification, NLP (log parsing), Pytorch, Python
Web development	Spring, Angular, React, GO Docker, AWS basics
Software development	Agile software development, ClickUp, Git, Design Patterns