

## CONTACT

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- Google Scholar
- Full CV

## SKILLS

Python	7+ yrs
Security	6+ yrs
Privacy	4+ yrs
ML/AI/NLP/CV	5+ yrs
JavaScript	4+ yrs
HCI	3+ yrs
Mobile Development	2+ yrs
C++	2+ yrs

## AWARDS/GRANTS

- Defense University Research Instrumentation Program (DURIP, \$300k)  
Securing Cyber-Physical System Communication and Control
- College of Engineering Fellowship (\$90k)  
University of Michigan 1st year PhD Fellowship Recipient
- Patent Application  
Real-Time Protection For Mobile Devices From Shoulder Surfing

# BRIAN JAY TANG

Academic Researcher - AI Systems for Security & Privacy

## EDUCATION

Ph. D. - Computer Science & Engineering University of Michigan - Ann Arbor, MI (USA)	2021 - ongoing
B.S. - Computer Sciences University of Wisconsin - Madison, WI (USA)	2017 - 2020

## WORK EXPERIENCE

Graduate Research Assistant University of Michigan, Ann Arbor (MI)	Sep 21 - May 26
Researching and creating systems that enhance user privacy. Using AI to protect online data privacy, personal data, smartphone privacy, etc.	
Undergraduate Research Assistant University of Wisconsin, Madison (WI)	Sep 18 - Aug 21
Researched security, privacy, and fairness properties of ML systems such as face recognition, image recognition, NLP, and social robots.	
Software Engineering Intern Roblox, San Mateo (CA)	May 19 - Aug 19
Developed enhancements for Roblox Studio's script editor.	
Software Engineering Intern Optum UHG, Eden Prairie (MN)	May 18 - Aug 18
Developed data visualization tools for analyzing security vulnerabilities.	

## SELECTED PUBLICATIONS

Steward: Natural Language Web Automation 30th Symposium on Operating Systems Principles (2024)	Submitted
Eye-Shield Real-Time Protection of Mobile Device Screen Information from Shoulder Surfing 32nd USENIX Security Symposium (2023)	Published
Detection of Inconsistencies in Privacy Practices of Browser Extensions 44th IEEE Symposium on Security and Privacy (2023)	Published
Fairness Properties of Face Recognition and Obfuscation Systems 32nd USENIX Security Symposium (2023)	Published
Confidant: A Privacy Controller for Social Robots 17th ACM/IEEE International Conference on Human-Robot Interaction (2022)	Published
Face-Off: Adversarial Face Obfuscation 21st Symposium of Privacy Enhancing Technologies (2021)	Published