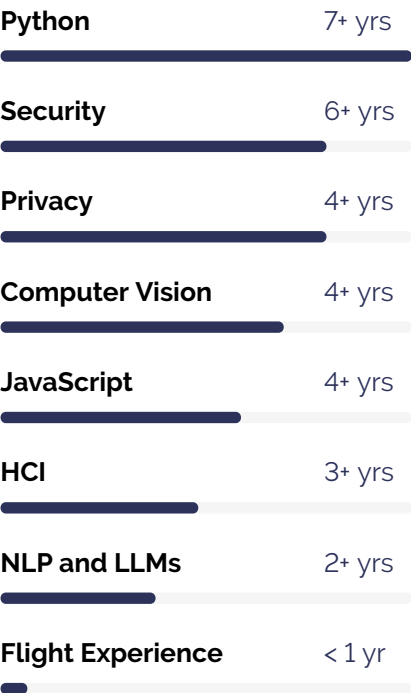


## CONTACT

- +1 630-880-3691
- bjaytang@umich.edu
- https://www.bjaytang.com
- github.com/byron123t
- linkedin.com/in/bjaytang
- Google Scholar
- Full CV

## SKILLS



## 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 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 compound AI systems to protect online data privacy, personal data, smart-phone privacy, autonomous vehicle data 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 and features 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

- Generative Advertising: Risks of Personalizing Ads with LLMs  
ACM CHI Conference on Human Factors in Computing Systems (2025)  
Submission
- 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