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**CV Last Updated:** 2021-11-18
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## EDUCATION

**PhD Student** | ***Computer Science and Engineering*** — Fall 2021 – Present
University of Michigan - Ann Arbor

**Bachelor of Science** | ***Major: Computer Science*** — Fall 2017 – Winter 2020
University of Wisconsin - Madison

## RESEARCH INTERESTS

**Security and Privacy**: Usable Privacy, Web Privacy, Face Recognition Privacy, Social Privacy
**Machine Learning**: Adversarial Machine Learning, Computer Vision, Natural Language Processing
**Human-Computer Interaction**: Usable Privacy, Human-Robot Interaction

## WORK EXPERIENCE

**Graduate Research Assistant** — Fall 2021 – Present
University of Michigan

**Research Intern** — Spring 2021 – Fall 2021
University of Wisconsin - Madison

**Undergraduate Research Assistant** — Fall 2018 – Spring 2021
University of Wisconsin - Madison

**Software Engineering Intern** — Summer 2019
Roblox Corporation

**Software Engineering Intern** — Summer 2017
Optum, UHG

## RESEARCH PROJECTS

**Confidant: A Privacy Controller for Social Robots** — Fall 2021
University of Michigan | ***Submitted:*** *HRI 2022*

**Fairness Properties of Face Recognition and Obfuscation Systems[3]** — Summer 2021
University of Wisconsin - Madison | ***Submitted:*** *USENIX Security 2022*

**Face-Off: Adversarial Face Obfuscation[1]** — Summer 2020
University of Wisconsin - Madison | *21st Symposium of Privacy Enhancing Technologies* — 19% AR

**Scaling Properties of Interval Bound Propagation** — Spring 2020
University of Wisconsin - Madison | *Course Project*

**Rearchitecting Classification Frameworks For Increased Robustness[2]** — Spring 2019
University of Wisconsin - Madison | *arXiv Preprint*

## PERSONAL PROJECTS

**Algorithmic Trading Framework** — Summer 2019
*https://github.com/ramasrirama99/AlgoTradeFramework*

**Transcend UW Website** | ***https://www.transcenduw.com/*** — Spring 2018
University of Wisconsin - Madison | *Transcend UW*

## SERVICE

**PoPETS** — Spring 2021
External/Sub Reviewer

**USENIX Security** — Spring 2020
External/Sub Reviewer

## Presentations and Talks

**Face-Off: Adversarial Face Obfuscation[1]** Jan 2021
University of Wisconsin - Madison | *VMWare - NSF: Data Privacy and Edge Computing*

**Face-Off: Adversarial Face Obfuscation[1]** July 2021
The Internet | *Proceedings on Privacy Enhancing Technologies Symposium*

## Honors and Awards

**CVS Health Foundation Program** Fall 2017
Scholarship for outstanding children of CVS employees

**Qualcomm Innovation Fellowship (Nominee)** Spring 2021
Selected abstract on autonomous vehicle domain adaptation

**College of Engineering Fellowship** Fall 2021
University of Michigan 1st year PhD fellowship

## Skills

**Languages**: English (Native), Chinese Mandarin (Spoken-Only), Japanese (N5), French (A2)
**Programming**: Python, C++, JavaScript, SQL, HTML
**Software Development**: GitHub, Perforce, Qt, NginX, Flask, Squish, Flutter, Firebase
**Machine Learning**: TensorFlow, PyTorch, Pandas, NumPy, D3.js
**Hobbies & Interests**: Reading, Investing, Gaming, Anime, Skateboarding, Meditation

## Publications—Preprints—Journals


[1] Varun Chandrasekaran et al. "Face-Off: Adversarial Face Obfuscation". In: *21st Privacy Enhancing Technologies Symposium*. 2021. URL: https://arxiv.org/abs/2003.08861.

[2] Varun Chandrasekaran et al. "Rearchitecting Classification Frameworks For Increased Robustness". In: (2020). arXiv: 1905.10900. URL: https://arxiv.org/abs/1905.10900.

[3] Harrison Rosenberg et al. "Fairness Properties of Face Recognition and Obfuscation Systems". In: (2021). arXiv: 2108.02707. URL: https://arxiv.org/abs/2108.02707.