## Frieda Rong

☑ frieda.rong@mail.utoronto.ca♠ https://friedeggs.github.io

✓ @frieda\_rong✓ Frieda Rong

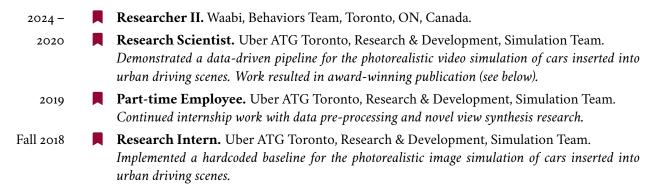
in frieda-rong



Research Areas: Computer Graphics • Robotics • Artificial Intelligence

# Education 2024 Ph.D. Computer Science, University of Toronto Advised by: Prof. Raquel Urtasun. 2015 - 2020 B.Math. Pure Mathematics & Computer Science, University of Waterloo Triple major in Pure Mathematics, Combinatorics & Optimization, and Computer Science.

#### **Employment History**



### **Research Publications**

#### **Conference Proceedings**

Y. Chen\*, **F. Rong**\*, S. Duggal\*, *et al.*, "Geosim: Realistic video simulation via geometry-aware composition for self-driving," in *Proceedings of the IEEE/CVF conference on computer vision and pattern recognition*, **Best paper candidate**, 2021, pp. 7230–7240.

#### Patents

- **F. Rong**, Y. Chen, S. Duggal, *et al.*, "Photorealistic image simulation with geometry-aware composition," U.S. Patent 11 551 429, Jan. 10, 2023. **O** URL:
  - https://patentimages.storage.googleap is.com/b7/44/c7/b8e9 be243 d9704/US11551429.pdf.

#### **Awards and Achievements**

**NSERC CGS-D 3 Year Fellowship**, University of Toronto, \$120,000 CAD overall.

**University of Waterloo Faculty of Mathematics National Scholarship**, \$25,000 CAD.

2024 2015–2020