

Esther Lin

Curriculum Vitae

lin@cs.toronto.edu
<https://estherlin.github.io>

Education

University of Toronto PhD, Computer Science <i>Advisors: Kyros Kutulakos and David Lindell</i>	2022 - Exp. 2025
University of Toronto PhD, Computer Science <i>Advisor: Kyros Kutulakos</i>	2020 - 2022
University of British Columbia BASc, Engineering Physics	2015 -- 2022

Publications

Sub-Wavelength Passive Single-Shot Computational Super-Oscillatory Imaging Haitang Yang, Esther Y. H. Lin , Kiriakos N. Kutulakos, George V. Eleftheriades <i>Optica, accepted</i>	tbd
Computational Non-scanning Incoherent Super-Oscillatory Imaging Haitang Yang, Esther Y. H. Lin , Kiriakos N. Kutulakos, George V. Eleftheriades <i>ACS Photonics</i>	2022
A 39,000 Subexposures/s CMOS Image Sensor with Dual-tap Coded-exposure Data-memory Pixel for Adaptive Single-shot Computational Imaging Rahul Gulve, Navid Sarhangnejad, Gairik Dutta, Motasem Sakr, Don Nguyen, Roberto Rangel, Wenzheng Chen, Zhengfan Xia, Mian Wei, Nikita Gusev, Esther Y. H. Lin , Xiaonong Sun, Leo Hanxu, Nikola Katic, Ameer Abdelhadi, Andreas Moshovos, Kiriakos N Kutulakos, Roman Genov <i>IEEE Symposium on VLSI Technology and Circuits</i>	2022

Research and Work Experience

Adobe Research Intern <i>Mentors: Jiawen Chen and Cecilia Zhang</i>	Jun 2021 - Apr 2022
--	------------------------

Tesla Engineering Intern <i>Mentor: Maitrayee Dhaka</i>	May - Oct 2020
Max Planck Institute for the Structure and Dynamics of Matter Research Intern <i>Mentor: Sascha Epp</i>	May - Dec 2018
Ciena Corporation Engineering Intern <i>Mentor: Michael Hubbard</i>	Jan - Apr 2017

Teaching

University of Toronto Teaching Assistant: CSC320 Introduction to Visual Computing	2021, 2022
Teaching Assistant: CSC2530 Computational Imaging and 3D Sensing	2022
Substitute Lecturer: CSC2530 Computational Imaging and 3D Sensing	2022
University of British Columbia Teaching Assistant: CPEN221 Principles of Software Construction	2017
City Centre Community Centre Instructor + Creator: Coding Club, Coding Algorithms, 3D Design	2019 - 2022

Awards

Women in Technology Scholarship <i>The Irving K. Barber British Columbia Scholarship Society</i>	2019
Biophysical Society of Canada Poster Award <i>Canadian Association of Physicists Congress</i>	2019
Erich Vogt Research Scholarship <i>UBC Physics and Astronomy</i>	2016
Peter D. Pare Research Scholarship <i>UBC Centre for Heart Lung Innovation</i>	2015