

Hannah Kirkland

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Education **Ph.D. Electrical and Computer Engineering** 2022 – 2026
University of Florida
Advised by Dr. Sanjeev J. Koppal

B.S. Electrical Engineering 2017 – 2021
University of Florida
GPA: 3.33/4.00

Publications **Schrödinger's Camera: First Steps Towards** 2023
a Quantum-Based Privacy Preserving Camera
TCV CVPRW, WiCV CVPRW (extended abstract)
Hannah Kirkland, Sanjeev J. Koppal
📄 CVPRW 🌐 GitHub 🌐 Project Page

Experience **Graduate Research Assistant** 2021 – Now
Florida Optics and Computational Sensor
(FOCUS) Lab

Product Engineering Intern 2021
John Deere
▶ *Range Detection Prototype:* Developed a system to detect the current range of the vehicle using gear speed data.
▶ *Continuous Flow Hydraulic Switch Updates:* Reviewed updated switch designs with the manufacturer, finalized drawings, and executed product release workflow in Creo.
▶ *Intern Project:* Worked to identify potential cost saving areas across all compact utility tractors. Responsibilities included automating the data collection process with Python and Excel.

Involvement **Hardware Design Lead** 2021 – 2023
Audio Engineering Society
▶ Organized the hardware design team, which designed and built audio projects such as a laser harp, synthesizer, and USB audio interface.

Awards **L3-Harris Fellowship** 2021 – Now
CRA-WP Grad Cohort for Women 2023