**Yongwei Ni**

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# Education

**Ph.D., Electrical and Computer Engineering 2020 – Present**

University of Southern California, Los Angeles, CA

**M.S., Electrical and Computer Engineering 2018 – 2020**

University of Southern California, Los Angeles, CA

GPA: XXX

**B.S., Electrical Engineering 2013-2017**

Nanjing University of Science and Technology, China

GPA: XXX

# Research Experience

**Graduate Research Assistant 2019 – 2020**

University of Southern California, Los Angeles, CA

Advisor: Prof. Hossein Hashemi

Research Topics:

* Electro-optical phase-locked loops for optical frequency chirp generation
* Frequency-modulated continuous wave (FMCW) light detection and ranging (lidar)

# Work Experience

**Job Title 2017**

Name and location of the company

Responsibilities:

* Electro-optical phase-locked loops for optical frequency chirp generation

# Awards

**National College Student Math Competition in China 2015**

Second Prize

# Publications

S. Chung, M. Nakai, S. Idres, Yongwei Ni, and H. Hashemi, “Optical phased array FMCW lidar with on-chip calibration,” in *IEEE International Solid-State Circuits Conference (ISSCC)* Digest of Technical Papers, February 2021.