

# Kending Ling

Sudbury, ON | kendingling@outlook.com

## EDUCATION

---

### Laurentian University

*Master of Science in Computational Science*

Sudbury, Canada

Sep 2023 – Oct 2024

### Southwest Jiaotong University

*Bachelor of Science in Electronic Engineering*

Chengdu, China

Sep 2012 – Jun 2016

## EXPERIENCE

---

### Research Assistant

*Zhejiang University*

Sep 2016 – Mar 2023

Hangzhou, China

- College of Information Science and Electronic Engineering, Laboratory of Applied Research on Electromagnetics

### Intern Engineer

*SAIC-GM Pan Asia Automotive Technology Center (PATAc)*

Sep 2021 – Oct 2021

Shanghai, China

- Electronic Architecture Section of Electronic System and Software Department

### Leadership

*Zhejiang University*

Fall 2018 and Spring 2019

Hangzhou, China

- Leader of the 32nd and 33rd Piaomiao Trail walk activity organizing committee, thousands of people participated each time.

### Volunteer

*Southwest Jiaotong University*

Sep 2021

Chengdu, China

- Volunteer at the 11th Singapore-China Joint Symposium on Research Frontiers in Physics

## TECHNICAL SKILLS

---

**Typing Speed:** 65 - 75 WPM in TypeRacer, top 15% - 20% fastest

**Software:** Microsoft Office (Word, PowerPoint, Excel), Adobe Illustrator, PyCharm, VSCode, Cadence

**Programming Languages:** C, C++, Python, MATLAB

**RF instruments:** Vector network analyzer, RF signal generator, oscilloscope, spectrum analyzer etc.

## PROJECTS

---

1. Research on microwave wireless energy transmission system
2. Research and development of multi-carrier micro-discharge threshold analysis software
3. Hardware research and development of class F GaN two-stage power amplifier

## PUBLICATIONS

---

1. Wireless Power Transfer Self-Adaptive to Incident Power Density, International Journal of RF and Microwave Computer-Aided Engineering, SCI, Published, First author
2. Rectifying Surface Implemented with a Coupled Array, 2020 IEEE Radio and Wireless Symposium (RWS), San Antonio, TX, USA, Oral Presentation, EI, Published, First author
3. Computer software copyright, Multi-carrier micro-discharge threshold analysis software V1.0, Authorized, First author
4. Invention patent, An adaptive microwave energy receiving surface based on conjugate matching, Authorized, First author

## HONORS AND AWARDS

---

Award of Honor for Graduate Award, Outstanding Volunteer at School Level, National Scholarship, Merit student