

LI SHUO

CONTACT

ADDRESS

Emmylundsvägen 1, 1503
171 72 Solna

PHONE

+86 15171330780
+46 724419818

EMAIL

shuo2@kth.se
leroy673412@gmail.com

EDUCATION

2017.09-2021.06

Huazhong University of Science and Technology
School of Optical and Electronic Information
Major in Opto-electronic Information Science and Engineering

2019.07

University of Manchester, UK
Manchester International
Summer Program
Courses: Original/Modern,
The Brontes, Back to the Future

2020.08-present

KTH Royal Institute of Technology
School of Electrical Engineering and Computer Science
Major in Communication Systems

HONOR

- the Self-strengthening Scholarship (2018)
- Outstanding Volunteer (Orientation Program for International students) (2018)
- Outstanding Club Leader (Yuanzhiyuan Volunteer Teaching Association, HUST) (2019)

VOLUNTEER WORK

- Volunteer of Chinese Students Seminar SICA - Orientation Program for International Students in HUST(2018)
- Welcome Volunteer in School of Optical and Electronic Information in HUST(2018)

RESEARCH

- 2019.04-2020.03 Machine Learning Used in the Optimization and Design of Super Surface Devices
Undertaking the responsibilities of team leader, responsible for machine learning and FDTD modeling, participating in defense and report writing
- 2017.12 Design of minesweeper program in Software Project
Undertaking the responsibilities of team leader, responsible for programming and program debugging, participating in report writing
- 2019.01 Two-dimensional image processing based on one-dimensional filter in Signal and Liner System
Responsible for searching information and programming, participate in report writing
- 2019.05 Design countdown clock in Microcomputer Experiments
Complete programming and debugging, writing reports
- 2019.12 Design and optimization of LED collimating lens in Optical Course Project
Design and optimize the system structure, complete the report writing
- 2020.05 The wavefront control device model based on hyperbolic metamaterial
Study the influence of geometrical structure parameters on SSP waveguide modes; Utilize different shapes of HMM waveguide array unit structure to realize transmission phase and amplitude control of different polarized incident electromagnetic waves;
- 2020.09 Internet service provider project
Design and implement network and services as an internet service provider.
- 2020.11 VPN project
Implement a server and a client that implement a VPN, which includes encryption and certificate.
- 2020.12 Spatial modulation project
Evaluate the performance of different modulation methods and assess the effects of correlation between the wireless channels of the transmit antennas on its performance.

WORK EXPERIENCE

New Oriental Education & Technology Group Co. LTD
2019.09-2019.12

Intern, Teaching Assistant, Overseas study division

- Assisting teachers in class
- Tutoring students in EILTS courses
- Correcting students' homework

LI SHUO

PROFILE

I'm a passionate and persistent student from KTH. I remain a childlike curiosity for the world, so I am always ready to learn new and learn more. My goal is to be an engineer in the future, devoting myself to the development of the information and communication industry.

Main courses

Advanced internetworking
Internet security and privacy
Building Networked Systems Security
Developing mobile applications
Software Defined Networking (SDN) and Network Functions Virtualization (NFV)

LEADERSHIP

Minister in Yuanzhiyuan Volunteer Teaching Association, HUST
Active Member in Taekwondo Association, HUST

COMPUTER SKILLS & LANGUAGES

JAVA/C/C++/Verilog HDL/Matlab
IELTS:6.5 (L:7.5/R:6.5/W:5.5/S:5.5), October 19, 2019

HOBBIES & INTERESTS

Swimming/Cycling/Reading

COVER LETTER

20th January 2021

Dear Sir or Madame,
I wish to apply for a summer internship in 2021.

As you can see from my attached CV, I have done plenty of in and outside class research related to my major, where I've learned skills in electrics and in programming (JAVA/C/C++/ Verilog HDL/Matlab/etc). Also, I think expanding research could stimulate and enhance my enthusiasm and dedication. I believe the knowledge and skills built up during these projects could qualify me as a proper candidate for this internship.

The professional knowledge given to me by my current university is diverse and, in my opinion, well mastered. Actually, so far, I've performed well in most courses. However, as I am thirsty for even more knowledge and experiences; I am still eager to further study and improve my professional skills. That being said, I look forward to learning more practical experience, so I hope to participate in a summer internship in your company, where the opportunity for further self-development is ripe and plentiful.

I am confident that I can step further in better understanding of the theories and in the application of communication systems, if I'm offered with the opportunity to work as an intern in your company. With my previous experience and future plan, I believe my internship experience would be fulfilling and orderly.

Thank you for your time and consideration. I'm looking forward to your reply.