

Haowen Liu



Research Area: Information Security

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M/F Male **Nationality:** Chinese
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Education

Graduation: 2021.06

Shanghai Jiao Tong University

09/2017-09/2020

Undergraduate education, School of Electronic Information and Electrical Engineering

- AY 2018-2019 Academic Progress Scholarship 10/2019
- AY 2018-2019 Class C Scholarship 10/2019
- Zhiyuan Honors Program of Engineering Scholarship 12/2017

Research Projects

Vulnerability Analysis Based on Attack Graph in Vehicular Communication Networks

05/2020-

- Undergraduate Summer Internship Program

Semi Passive Industrial Control Network Security Analysis Tool Based on Bayesian Attack Graph

10/2019-09/2020

- Work of the 13th National College Student Information Security Contest

Endogenous Security Neural Network Structure Against Adversarial Examples

10/2019-

- Cooperating With HUAWEI

Retinal Scanning Display for Mixed Reality

04/2018-09/2019

- The 34th PRP(Participation in Research Program) project, T030PRP34068

Evaluation of Information System Security Level

07/2018-09/2018

- SRIP project in AY 2018, T030SRIP08023

Research Papers

1. Jie Chen, Lantian Mi, Chao Ping Chen, Haowen Liu, Jinghui Jiang, Wenbo Zhang, and Yuan Liu, "A foveated contact lens display for augmented reality", SPIE AR VR MR, 2020, San Francisco, California, United States
2. Jie Chen, Lantian Mi, Chao Ping Chen, Haowen Liu, Jinghui Jiang, Wenbo Zhang, "Design of foveated contact lens display for augmented reality", Opt. Express 27(26), 38204-38219 (2019).(SCI, IF=3.669)

Patents

- ✓ Jie Chen, Chao Ping Chen, Haowen Liu, Jinghui Jiang, Lantian Mi, "Intraocular display device based on retinal scanning", Publication Number: CN 110955063 A

Honors

- ✧ First Prize for the 13th National College Student Information Security Contest in 2020
- ✧ Honorable Mention for Interdisciplinary Contest In Modeling in 2020
- ✧ AY 2018-2019 Academic Progress Scholarship in 2019
- ✧ AY 2018-2019 Class C Scholarship in 2019
- ✧ Honorable Mention for Mathematical Contest In Modeling in 2019
- ✧ Third Prize for the 35th National College Student Physics Contest in 2018

Professional Skills

- ◆ Familiar with security and basic knowledge of computer architecture
- ◆ Ability to construct large program and website with Python under Linux
- ◆ Familiar with knowledge about many disciplines: Cyber Science, Cryptography, Electrics, Computer Science and so on.

Hobbies

- ✚ Like science fiction movie, light novel and Japanese pop music
- ✚ Swim and play tennis sometimes
- ✚ Interested in literature