

# Yuyang(Peter) Rong

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## EDUCATION

**ShanghaiTech University**

Aug 2015 - Present

*Computer Science*

*Shanghai, China*

- Overall GPA 3.79/4, CS related GPA 3.89/4, ranking top3%.

**University of Chicago**

Jul 2016 - Aug 2016

*General Study*

*Chicago, IL*

- Intensive English & Statistics, got A in both.

## EXPERIENCE

**Toutiao, Bytedance**

Step 2018 – Present

*Research Intern*

*Beijing, China*

- Work in Security Lab lead by Prof. Hao Chen. Focus on fuzzing problem.
- My work focus on triggering constrained integer overflow by instrumenting source code using LLVM.
- Involving Rust, C, and C++ coding.

**CSST, UCLA**

Jul 2018 - Sept 2018

*Summer Intern*

*Los Angeles, CA*

- Supervised by Prof. Lixia Zhang, I worked on Named Data Networking(NDN),
- Focused on OpenmHealth. Updated it with a new identity manager utilizing NDNCERT.

**ABB Group**

Oct 2017 – Jul 2018

*Research Intern*

*Shanghai, China*

- Group of 10. Tried to combine robot arm and an indoor mobile car.
- Responsible for software development, including **navigation system** & **state machine**.
- Python, C++ and ROS used.

**Screen++**

Jun 2017

*Team leader*

*Shanghai, China*

- Proposed an application to connect all the screens in different platforms.
- Development & market model. Did final presentation.
- Python & Apache used. Group of 5. Won **3rd prize** in iLab Hackathon.

## AWARDS

**Outstanding Student**

Nov 2017

**ShanghaiTech President's Scholarship**

Nov 2016

**Shanghai Scholarship**

Oct 2016

## TECHNICAL STRENGTHS

**Languages**

Chinese, English

**Computer Languages**

Rust, Java, C++, C, Python, MATLAB

**Protocols & APIs**

LLVM, Android, boost, ROS, numpy