

# Yuyang(Peter) Rong

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## EDUCATION

<b>ShanghaiTech University</b>	Aug 2015 - Present
<i>Computer Science</i>	<i>Shanghai, China</i>

- **Overall GPA 3.80/4(Ranking 5/124).**
- CS related GPA 3.90/4(Self-calculated data, ShanghaiTech keeps no official record of major related GPA).

<b>University of Chicago</b>	Jul 2016 - Aug 2016
<i>General Study</i>	<i>Chicago, IL</i>

- Intensive English & Statistics, got A in both.

## EXPERIENCE

<b>Toutiao, Bytedance</b>	Step 2018 – Present
<i>Research Intern</i>	<i>Beijing, China</i>

- 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**.

<b>CSST, UCLA</b>	Jul 2018 - Sept 2018
<i>Summer Intern</i>	<i>Los Angeles, CA</i>

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

<b>ABB Group</b>	Oct 2017 – Jul 2018
<i>Research Intern</i>	<i>Shanghai, China</i>

- 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.

<b>Screen++</b>	Jun 2017
<i>Team leader</i>	<i>Shanghai, China</i>

- 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

<b>Outstanding Student</b>	Nov 2017
<b>ShanghaiTech President's Scholarship</b>	Nov 2016
<b>Shanghai Scholarship</b>	Oct 2016

## TECHNICAL STRENGTHS

<b>Languages</b>	Chinese, English
<b>Computer Languages</b>	Rust, Java, C++, C, Python, MATLAB
<b>Protocols &amp; APIs</b>	LLVM, Android, boost, ROS, numpy