

# Yuyang(Peter) Rong

393 Mid Huaxia Rd ◇ Shanghai, China 201201

(+86)177 · 2105 · 4096 ◇ PeterRong96@gmail.com ◇ PeterRong.netlify.com

## EDUCATION

---

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

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

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

- Intensive English & Statistics, got A in both.

## EXPERIENCE

---

|   |  |
|---|--|
| <b>Toutiao, Bytedance</b><br><i>Research Intern</i> | Step 2018 – Present<br><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><br><i>Summer Intern</i> | Jul 2018 - Sept 2018<br><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><br><i>Research Intern</i> | Oct 2017 – Jul 2018<br><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><br><i>Team leader</i> | Jun 2017<br><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   |