

CHIH-CHENG REX YUAN

github.com/RexYuan
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EDUCATION

National Taiwan Normal University 2014 - 2019
B.S. in Computer Science and Information Engineering

EXPERIENCE

Institute of Information Science, Academia Sinica 2023 - Present
Research Assistant Hybrid

SiFive 2022 - 2023
Hardware Engineer Hybrid

- System validation of regression automation tools in Bash and Perl.
- Communication with a range of teams regarding distinct issues.

Formal Land 2022
Software Engineer Remote

- Formal verification of the OCaml codebase of Tezos blockchains protocol in Coq.
- Collaboration with a geographically-dispersed team across 5 timezones.

Institute of Information Science, Academia Sinica 2019 - 2022
Research Assistant Hybrid

- Formal verification research of hardware safety algorithms.
- Organization of an academic conference (ATVA19) and assisted multiple international guests.

Institute of Information Science, Academia Sinica 2017 - 2019
Adjunct Research Assistant Hybrid

- Formal methods research using SAT solvers on chart synthesis and privacy de-identification.

Inside.com.tw 2016
Software Engineering Intern On-site

- Back-end WordPress theme development in PHP. Collaborated with an external front-end team.
- Internal editor UI/UX feature requests fulfillment and manual writing for the editorial team.

Inside.com.tw 2015
Editorial Intern On-site

- Interview and research coverage on Taiwanese technology and start-up scenes.
- Translation and localization of external drafts and press releases from en to zh.

VOLUNTEERING

- I run a discord and a Facebook page for logic memes (fb.com/FormalMemes). 2018 - Present
- Receptionist at school counseling center. 2018 - 2019
- Translator for Mozilla. 2016 - 2018
- VP of a school club with that collaborated with Mozilla and Wikimedia. 2016 - 2018
- Founded a student-run organization that digitize school information. 2014 - 2019
- Member of a local decentralised civic tech community (g0v). 2015