

CHIH-CHENG REX YUAN

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github.com/RexYuan

EDUCATION

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

VOLUNTEERING

- Founded a student-run organization with the goal to democratize information. 2014 - 2019
- VP of a school club with that collaborated with Mozilla and Wikipedia. 2016 - 2018

EXPERIENCE

SiFive 2022 - 2023
Hardware Engineer

- System validation of regression automation tools in Bash and Perl.

Formal Land 2022
Software Engineer

- Formal verification of the OCaml codebase of Tezos blockchains protocol in Coq.

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

- Formal verification research on safety algorithms of hardware verification.

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

- Formal methods research using SAT solvers on chart synthesis.

Inside.com.tw 2016
Software Engineering Intern

- 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

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

AWARDS & CERTIFICATES

Academic Excellence Award 2016
Ranked top 5% in a class

TOEFL iBT 2016
Score: 108 (Reading: 29 / Listening: 30 / Speaking: 22 / Writing: 27)

TOEIC 2013
Score: 960 (Reading: 480 / Listening: 480)