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 (facebook.com/FormalMemes).	**2018 - Present**
· 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**