

Rui Lin

Make / Code / Dream

Website: rlin.ca

Email: hello@rlin.ca

Github: github.com/rui-lin

Experience

UNIVERSITY OF
WATERLOO



Sep '14 – Present

Undergraduate Research Assistant in Waterloo, ON.

Human computer interaction and crowdsourcing tools for visualizing and analyzing citizen science data.

Ultimate
SOFTWARE
People first.

Jan '14 – Apr '14

Software Engineering Intern in Weston, FL. Improved parsing, compilation, and user experience for a custom DSL. Created a cloud-enabled coding platform supporting over 200 users. Prototyped software tools for business in time sensitive situations.

 **gridcentric**

Apr '13 – Aug '13

Software Developer in Toronto, ON. Created cloud application demos using cutting edge virtualization technology. Redesigned Canary web dashboard. Wrote unit and integration tests.

Education

Waterloo & Wilfrid Laurier. Double Degree in Computer Science and Business. Graduating 2017.

Projects

Rally

Social app to bring nearby people closer together. Created in 24h at HackTheNorth.

Maze Robot

Autonomous robot. Working on smart maze navigation using hybrid automata theory.

SnowStory

Side scrolling RPG based on MapleStory. Designed, coded in VB6 with GDI+.

Shooter

Multiplayer tank game with AI. Designed, coded in Java.

Technical Skills

Implementation

C#, Python, C/C++, Java, VB6

Front-end

JavaScript, HTML, CSS

Back-end

Apache/PHP, Java Play, Django

Environment

Linux, Windows, Mac

Awards

Best Internal Tools Award, Ultimate Software Hackathon. Gamification of part of the interview process. C#

Canada Bronze Medal, Senior Canadian Computing Competition. Algorithms and problem solving. C++.

Metro Toronto Champion, Junior Canadian Computing Competition. Algorithms and problem solving. Java.

4th place, Google Ship Wars. AI programming competition. JavaScript.

René Descartes Scholarship, Waterloo. Excellence in national level computing competitions.