

Rui Lin

Make / Code / Dream

Website: rlin.ca

Email: hello@rlin.ca

Github: github.com/rui-lin

Experience



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.



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.



Jan '11 – June '12

Founder/President of Computer Contest Club in Mississauga, ON. Exposed students to problem solving techniques and algorithms. Led team to provincials, doubled club membership.

Education

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

Projects

Maze Robot

Autonomous robot. Intelligent maze solving using hybrid automata theory.

Twiggy

Bill payment with PayPal and OCR. Using Java, HTML/JavaScript, PhoneGap.

GameEditor

Suite of tools for data-driven creation of game content. Designed, coded in VB6

SnowStory

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

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.