

Rui Lin

Make / Code / Dream

Website: rlin.ca

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Github: github.com/rui-lin

Experience



Jan '16 – Apr '16

Software Engineering Intern–Virtual Reality in Kitchener, ON.

Explored, prototyped and demoed various methods to keep virtual reality users safe from real world objects. Tech: Unity, Android, OpenGL, Tango, PCL.



Jan '15 – May '15

Software Engineering Intern–Data Mining in San Francisco, CA.

Explored various spam signals. Helped mitigate major spam waves; used lessons to design new quarantine system. Managed the project, led meetings of 5-8 people.



Sep '14 – Dec '14

Undergraduate Research Assistant in Waterloo, ON.

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



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.

Project Highlights

Greetings

Identity: AI to recognize and greet people. Python, OpenCV.

Shadow Game

Subtle decorations: bubble popping on the wall. Yelp Hackathon. Python, OpenCV.

Delicio

Augmented reality hands-free recipe helper. Meta Hackathon. Python, C#, Unity.

Maze Robot

Autonomous robot. Obstacle avoidance.

Technical Skills

Implementation

C++, Python, C#, Java

AI

OpenCV, Scikit-Learn, MySQL

Web

JavaScript, HTML, Java Play

Education

Waterloo & Wilfrid Laurier

Double Degree in Computer Science and Business, '17.

Awards

Outstanding Coop. Highest coop rating, consecutive terms.

Winner, CS486 AI Tournament. Prisoner's dilemma bot.

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.