

## Gerald Ding

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### INFO

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### PROJECTS

**College Website and Management System:** <https://scbt.ca/>

**Space Game:** <http://geraldddzx.github.io/space%20wars/index.html>

**Traffic Monitor:** <http://geraldddzx.github.io/timeline%20monitor/index.html>

### TOOLKIT

Ruby, Rails, AngularJS, BackboneJS, Node.js, Heroku, Git, Linux, HTML5, CSS, Bootstrap, Javascript, JQuery, ExtJS, SQL, SEO

### WORK

**Self Employed Application Developer, Stanford International College**

**Ruby on Rails and AngularJS, April 2015 – July 2015**

- Worked with college employees across all business functions to design and build college management system, student portal and website application.
- This application allowed more than 2000 college users to manage employees, students, enrollments, campuses, courses, tests, grades, careers, inquiries, payments and over 200 activities online through 11 different levels of permissions.
- Automated tasks such as generating reports, sending email reminders and making complex financial calculations, resulted in reduced manual processes, accurate reporting and increased work speed.
- This Application allowed college staff and students to read and manage college information using filter, search and sorting systems and export data to into multiple formats.
- Transferred most of the work for college staff from paper to web, revolutionizing the work process at Stanford International College.

**Part-time Software Engineer (Contract), Sightline Innovation**

**Javascript and Node.js, December 2014 – April 2015**

- Built real time graphical widgets that effectively monitor intersection traffic data.
- Refactored device module to produce simple, organized code that allowed widgets in the module to sync in real time.
- Led the device team by demonstrating new code structure and helping other team members integrate their widgets.

### EDUCATION

**Ivey Business School, Western University, London, Ontario**  
**Finance and Economics, 2011 – 2015**