Simmon Li *Software Developer*

✉ hello@crespire.dev　📍 Toronto, Canada　✖ crespire.dev　⌨ crespire　in linkedin.com/in/simmonli

💼 Work Experience

Sierra Rails, *Software Developer*　　　　　　　　　　　　　　　　　　Mar 2023 – present | Toronto
　* Build new features using Ruby on Rails, ViewComponents, Hotwire, Bootstrap, SCSS, and Devise
　* Maintain development and production environments using VPS provders and container based systems
　* Create and manage automated test suites for features using MiniTest and RSpec

Ruby for Good, *Volunteer Individual Contributor*　　　　　　　　　　　　　　　　Jan 2023 – present
　• Contributed various fixes and improvements to the CASA Volunteer Tracking application

The Odin Project, *Volunteer Individual Contributor*　　　　　　　　　　　　　　　Oct 2021 – present
　• Contributed various curriculum updates, including new lessons on local development environment setup
　• Contributed web application and community tool bug fixes

Designstor, *Office & Operations Manager*　　　　　　　　　　　　　　　Feb 2017 – Mar 2023 | Toronto
　• Business Operations (Accounts Payable/Receivable, Taxes & Finance)
　　- Automated financial reporting to improve business health visibility
　　- Centralized billing and project information to facilitate automation
　• Payroll, Benefits & HR Administration for office of 10

📂 Selected Projects

EZ Newswire,　　　　　　　　　　　　　　　　　　　　　　　　　　　　Mar 2023 – present
Ruby on Rails, PostgreSQL, ViewComponents, Hotwire, Devise, Bootstrap
　Live: https://app.eznewswire.com/ 🔗
　• Delivered numerous new features from user stories and Figma design mocks, working across the stack as needed
　• Implemented an organization/brand feature to manage multiple sets of press releases, benefiting agency users with multiple clients and/or brands
　• Created an image upload feature using Turbo/Stimulus, enabling users to upload and (re)order accompanying images with their press release without full page loads, improving customer conversions
　• Vendored an open source Javascript package to support image uploading with new required functionality, pending upstreaming
　• Executed architectural changes with the tech lead, significantly reducing error rates (approximately 60%)
　• Improved frontend reliability by switching from importmaps to esbuild-based Javascript packaging, further reducing failure rates due to data inconsistency and improving user experience
　• Developed and implemented a user onboarding experience, helping user retention and improving data reliability
　• Implemented, integrated, and tested a new checkout flow, supporting business goals to expand the publisher network and add additional payment processors, expanding reach
　• Enhanced the backend with more data models to capture additional checkout and payment data for analytics purposes
　• Crafted rake tasks and data migrations to ensure data integrity and consistency
　• Built a comprehensive MiniTest test suite, later converted to RSpec, achieving ~87% code coverage

CASA Volunteer Tracking,　　　　　　　　　　　　　　　　　　　　　　Jan 2023 – present
Ruby on Rails, PostgreSQL, ViewComponents, jQuery, Devise, Pundit
　Live: https://casavolunteertracking.org/ 🔗
　• Implemented UI updates to leverage JQuery Datatables for management pages to make it easier to use
　• Reviewed and improved multi-tenant permissions using Pundit to ensure security between tenants
　• Encapsulated application jobs into unit-testable plain old Ruby objects and wrote tests, adding confidence in notifications

Railsbook, *Ruby on Rails, PostgreSQL, Hotwire, Devise, SCSS*
　Live: https://railsbook.crespire.dev 🔗
　• Implements core Facebook experience with Rails 7 monolith with Hotwire and a BEM methodology with SCSS
　• Tested with RSpec/Capybara at ~83% code coverage

Chess, *Ruby*
　Live: https://replit.com/@crespire/rubychess 🔗
　• Implements 2-player chess vis command line interface in pure Ruby
　• Planned and implemented from broadly scoped requirements without using Chess related libraries
　• Automated RSpec test suite with ~96% coverage, developed using TDD methodology

🎓 Education

University of Toronto, *Honours Bachelor of Arts with High Distinction (3.73/4.0)*　　　　　　　　2014
　Specialization in Peace, Conflict & Justice with a minor in Ethics, Society & Law