

Jonathan Pike

Toronto, ON
jonathan.d.s.pike@gmail.com
<https://jonathanpike.net>

I love the web and want to make it better by building great things.

Experience

Full Stack Rails Developer

May 2016 – Present

BioConnect

Currently building [TeamWorks](#), a time and attendance application for small to medium businesses.

My Accomplishments:

- Lead the development of a dashboard for internal teams to provide insight into app usage and inform future product development using [Vue.js](#) in a Rails Engine.
- Eliminated manual sales processes by creating an onboarding process for new customers and integrated with [Stripe](#) for online payments.
- Chief architect of the new timecards and scheduling modules, implementing Rails conventions for easier maintenance.
- Developed a testing protocol and built a test suite using Minitest and Capybara. Configured GitLab CI to run the test suite with each commit.

Wills and Estates Law Clerk

Nov 2011 – May 2016

Sanguinetti + associates

With no prior training, I obtained a level of professionalism and proficiency in just 6 months at this boutique legal practice, preparing Wills, Powers of Attorney, and a variety of Court documents for Estate Administration.

My Responsibilities:

- Practiced effective time management and multitasking to guarantee timely completion of work, meeting deadlines and maintaining high quality of work.
- Communicated with clients in a professionally friendly manner on a day-to-day basis in person and over the phone, ensuring customer satisfaction.
- Drafted and proofread legal documents of varying complexity, unsupervised and with minimal instruction, demonstrating excellent attention to detail.

Education and Professional Development

Programming Bootcamp

Sept – Dec 2015

The Firehose Project

Became a capable software developer in this intensive 15-week program, able to break complex problems into more manageable problems. I gained experience with the following tools of the trade:

- Built basic CRUD Rails apps following standard Rails conventions (without using scaffolding), involving mailers, validations, image uploading on AWS S3, and nested RESTful routes.
- Implemented tests with Minitest's Test::Unit syntax for unit and functional tests.
- Worked through traditional computer science algorithms and data structure challenges:
 - Graph search (depth-first & breadth-first).
 - Linked lists with basic Ruby classes.
 - Stacks and queues in Ruby.
 - Reversed linked lists (both with a recursive solution with mutation, and a solution that leverages stack-like properties of linked lists).
 - Floyd's algorithm (tortoise & hare) to detect cycles within a linked list.

Capstone Project

Nov – Dec 2015

The Firehose Project

Built a Ruby on Rails chess web application, working on a remote team of 5 developers, that enforces the rules of chess, including preventing users moving into check and support for [castling](#) and [en passant](#). [View the GitHub repository](#) and [the app running in production on Heroku](#).

My Accomplishments:

- Wrote the business logic for determining if the game is in the state of [check](#) and [checkmate](#).
- Uncovered, tracked down, and resolved several bugs in both our Ruby and Javascript code, including an intermittent bug that prevented movement of some pieces. See [Pull Request 1](#) and [Pull Request 2](#) on GitHub.
- Followed test-driven development, Agile and SCRUM methodologies, and had frequent code reviews and pair programming sessions.
- Held accountable for my performance by Travis Johnson, a devops engineer at [true\[X\]](#), who led the team.

Honours Bachelor of Arts with Distinction

2006 – 2010

University of Toronto

Double Major: Management and Political Science

GPA: 3.30

Mathematical and Computational Sciences Honour Roll

2009 – 2010

University of Toronto

Technical Skills

What I know

Ruby, Rails; Javascript, Coffeescript;
HTML; CCS3, Sass; Postgresql; Git

What I'm learning

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