

PATRICK KING

Full-stack web developer in Ruby on Rails + React

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OBJECTIVE

Further my breadth and depth of skills in server and client development, and expand into cloud and devops.

EXPERIENCE

Software Developer - VizworX Inc.

March 2013 - Present

Vizworx goes here!

Research Assistant - Agile Software Engineering Lab, University of Calgary (Dr. Frank Maurer)

May 2011 - February 2013

University goes here!

EDUCATION

BHSc - Bioinformatics (Honours) - University of Calgary

2012

Honours Thesis: An Algorithm for Chromatin Immunoprecipitation Sequencing Analysis. Python R

QUALITIES

- Insatiable curiosity to learn new technology
- Committed to being correct in the details while keeping the big picture in sight
- Personable and capable communicator with co-workers and clients
- Highly organized and independently driven
- Devoted to agile software practices
- Sees software as a craft and values evolutionary improvement, but places needs of users before the needs of code

SKILLS + TECH

What I'm Best At

React.js

Node.js

Ruby on Rails

Webpack

Coffeescript

Immutable.js

Redux + Mobx + Flux

Git (CLI + Git Flow)

D3.js

Agile practices

What I'm Good At

Postgres SQL IIS Python C# + .NET (Web and Windows desktop)

WebGL + Three.js Team Foundation Version Control (TFS)

ArcGIS (APIs + SDKs + server configuration) Browserify

What I've Played With

Java + Android Objective-C + iOS R MongoDB Go Ember.js

MSBuild Ampersand.js GLSL (with WebGL) Puppet Meteor.js

Second Life (LSL) Drupal SQL Server (TSQL) C + C++ Django

Kinect

Exploring Canada's Energy Future (Github) - I lead development on this data visualization for the National Energy Board working at Vizworx.

Pipeline Incidents (Github) - A second data visualization for the NEB, which I also lead.

"Star Trek: Armada" Gallery - A shrine for an old computer game I enjoyed Node.js + Three.js + WebGL.

Neoderelict - A simple prototype game in Three.js + WebGL.

Fluent in French and English - Avid winter cyclist - References available on request - This resume is valid HTML