

Valentin Tsatskin

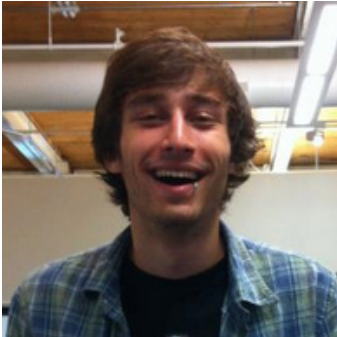
entrepreneur • designer • developer

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I'm currently a proud VeloCity resident working on fabulous startups. I started designing and programming websites in grade 6 and managed my school's computer infrastructure by grade 8.

I love trying to hack into stuff. I once found security holes in a several thousand dollar contest for fun.

I'm a CASI certified snowboard instructor; included with my employment are free snowboarding lessons.

I enjoy reading about design, psychology, and programming in my past times. I also love to make sweet love sounds on my guitar and ukelele

Projects



Founder

Nov 2012 to Present

Ruby, Postgres, Sinatra, Heroku

- Founded a brand to help unify and grow the Waterloo startup ecosystem.
- Developing a web application to help prospective users, employees, and partners each other in the region.
- Co-designed logo and website with love.

UW Don Tracker

Ruby, Sinatra, MongoDB, Phonegap, jQuery, KnockoutJS

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Work Experience



Software Developer

Sept to Dec 2012

C#, ASP.NET, MS SQL, SVN

- Designed and developed learning tools used by millions of students worldwide.
- Identified and fixed several security issues relating to SQL injection and XSRF.
- Performed user experience analyses on products.



RoR Web Application Developer

Jan to April 2012

Ruby on Rails, MySQL, Solr, Redis

- Helped kickstart a social discussion platform.
- Responsible for design, development and automated testing of product's vital viral components.
- Created and optimized existing performance critical components.
- Researched, introduced and integrated test-driven development into development team's workflow.

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More Projects

Twitter Timeline

Developing a tool to enable Twitter users to view their tweets in a historical manner similar to Facebook's Timeline.

Twitter Bootstrap, jQuery, Ruby, Sinatra, MongoDB, Twitter API

HBL

A distributed network of IRC bots for logging, tracking, and identification of users across multiple networks and chat names (aka Big Brother).

Octave, Ruby, Resque, Redis, Cinch, and MongoDB

Clubs and Societies

Waterloo Engineering Society

Workshop Director

Jan 2013 - Present

Phonegap, HTML5

Facilitating, planning and coordinating mobile application development workshops.



Waterloo Mobile Developer Club

Co-founder

May 2012 - Present

Phonegap, HTML5, jQuery

Co-founded a club for facilitating learning and innovation in the Mobile Development ecospace. Actively teaching mobile application development through interactive tutorials and structured lesson plans.



Education



Systems Design Engineering
BASc University of Waterloo,
2A, 2016



Machine Learning
Stanford University (Coursera)



Human Computer Interaction
Stanford University (Coursera)



Functional Programming Principals in Scala
EPFL (Coursera)



Heterogeneous Parallel Programming
University of Illinois (Coursera)

Techincal Specifications

Multilingual

Scala, Ruby, Objective-C, C++, C

Bulletproof security

XSS, CSRF, SQL injection

Root User w/ neckbeard status

Mac OS X, Windows, GNU/Linux

Runs on any device

Phonegap, Android, Ruby on Rails, ASP.Net, HTML5, CSS3, Javascript, Cocoa

Unlimited Storage

MySQL, Postgres, MS SQL, MongoDB

Master of Source

Git, SVN