Valentin Tsatskin

entrepreneur • designer • developer

Work Experience

THALMICLABS™
May to August 2013

Gesture Controls Software Engineer
Architected the iOS API for the Myo, an armband allowing gesture-based control of the electronics around you. Developed a quadrocopter control system for integration with the Myo.

Desire2Learn
Sept to Dec 2012

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

engagio
Jan to April 2012

Ruby on Rails Software Developer
Helped kickstart a social discussion platform. Responsible for design, development and automated testing of product's vital viral components. Researched, introduced and integrated test-driven development into development team's workflow.

Personal Projects

NavajoChat
A chrome extension for seamless encryption of Facebook messages. Developed at the PennApps 2013 hackathon.

Top Pics
A tool for aggregating the best photos from your social network. Second-place winner of the CUTC Toronto 2013 hackathon.

UW Don Tracker
A PhoneGap mobile app to help track Residence Dons' physical locations for the purposes of efficient partying.

Education

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

**Machine Learning,
Human Computer Interaction**
Stanford University (Coursera)

A little about myself...

I'm currently a proud VeloCity resident working on fabulous startups. I started designing and programming websites at the tender age of 12 and have had a passion for creating software ever since.

I like to think outside of my perspective and really try to understand the users that I create beautiful interface designs for.

I enjoying reading about design, psychology, sci-fi and computer science in my past times. When I'm bored I love to make sweet love sounds on my guitar and ukelele.

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Technical Specifications

Multilingual
Scala, Ruby, Objective-C, C++, C, JavaScript

Runs on any platform
iOS, Android, PhoneGap, Ruby on Rails, ASP.Net, HTML5, CSS3, Cocoa, Node.js

Bulletproof security
XSS, CSRF, SQL injection

Unlimited Storage
MySQL, Postgres, MS SQL, MongoDB

Root User w/ neckbeard status
Mac OS X, Windows, GNU/Linux

Master of Source
Git, SVN