

Valentin Tsatskin

facebook

Data Scientist Intern

*May–Aug 2016,
Menlo Park*

- Analyzed usage and growth opportunities of an experimental version of the Newsfeed deployed to millions of users.
- Identified product opportunities for increasing user retention through flow analysis.
- Analyzed impact of product on target high level metrics leading to conclusion of not to ship product.
- Conducted a hierarchical clustering analysis of topics users are interested using R Shiny.



Machine Learning Research Co-op

*Sept–Dec 2015,
Toronto*

- Researched and developed a real-time calibration-free gaze tracking system for large interactive displays in Python and C++.
- Trained and analyzed the model utilizing OpenCV, scikit-learn.
- Worked with speech diarization and three.js for 3D visualization of collaboration in rooms.

INDIEGOGO

Software Engineering Intern

*Jan–Apr 2015,
San Francisco*

- Led team to redesign and engineer internal campaign history tool, winning internal award.
- Created a spam detection system for campaign comments.
- Parallelized API acceptance test builds on CircleCI continuous integration system.

mozilla

User Experience Designer

*Jan–Aug 2014,
San Francisco*

- Redesigned Firefox's network error pages to increase error recovery.
- Prototyped tab-switching concept in Firefox for Android.
- Created interaction designs for Firefox OS's data consumption tool.
- Wrote and conducted usability studies for Firefox OS features.

Skills

Machine Learning, Image Processing

OpenCV, dlib, scikit-learn, MATLAB, Python, C++

Data Analysis and Visualization

R, R Shiny, Python, SQL

Web Development

HTML5, CSS, React, Angular, Bootstrap, jQuery, three.js

Mobile Development

iOS, Web

Backend Development

Ruby on Rails, ASP.Net, MySQL, MongoDB, CouchDB

Education

Systems Design Engineering

BASc (Hons), University of Waterloo, 4A, 2017

Contact & More

✉ val@valtsatskin.com

☎ 226-606-7474

🐙 github.com/vtsatskin

🌐 <http://valentin.tsatskin.in>

Hack the North Co-founder

Oct 2013–Sept 2015

- Kickstarted Canada's largest hackathon for 1000+ hackers from 100 schools in 10 countries.
- Defined hackathon's vision and values.
- Led website engineering and design team to create application page for 1000s of applicants.