

Irakli Saparishvili @safareli

SOFTWARE ENGINEER

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SUMMARY

Purely **Functional** Programmer, specialised in front-end web development

- Proficient in: **PureScript**, **Functional Programming**, **JavaScript**, **CSS** (architecture), **Node.js**
- Experience with: **Halogen**, **React.js**, **Go**, **Drupal 7**, **Objective-C** & **iOS**, **Java** & **Android**, **C++**, **PHP**, **SQL**

EXPERIENCE

Software Engineer @ [SlamData](#)

March 2017 – Present

- Doing front-end of the SlamData NoSQL visual analytics tool, using **Prescript** and **Halogen**. also contribute to various supporting libraries, all of which are [open source](#).

Software Engineer @ [Shift](#)

February 2016 – March 2016 (1 years 2 months)

- Responsible for building **Reactive UIs** for our internal tools and working on features that our users interact with on a daily basis using **React/redux**. Maintain and add features to our backend written in **Go**.

Front-End Software Engineering advisor @ [WeAreDe](#)

- *StyleDiplomacy* - online fashion Store. This project required analysis of 13 PSDs (some of these contained more than 1 page in it). Wrote a [script](#) with [psd.js](#), parsed all of those files and got [data](#) required to proceed. **standardised received data** threw away about **66%** of colors and **50%** of font-sizes, slight variation of colors for instance, indistinguishable for human eye. Wrote really advanced, fully responsive grid system, based on **flexbox**. Used **React.js** with **JSX** to get react components (like public interface of css components written with [CSS Bliss](#) style guide) and templates (which were using those components) and generated static html pages based on this system. After building initial frame, custom css was not even necessary. In the end, the client received highly responsive and modular front-end
- *Rooms Gazette* - blog of [Rooms Hotel](#) — Collected all colors, font sizes, and spacings, put those into **sass** dictionaries and generated [Responsive Utility](#) classes. After some time in combination with other components, build fully responsive pages, without touching css

Software Engineer @ [AzRy](#)

May 2014 – February 2015 (10 months)

- Rewrote [LEPL - Legislative Herald of Georgia](#)'s website from the old version of Joomla to **Drupal 7**.
- Created **HTTP API** for native Android and iOS clients.
- Built the **iOS** app — [Matsne](#) using: **Objective-C**.
- Wrote front-end of [TBC Bank's](#) project **P2P** - Pear to Pear Money Transfer using: **Jade**, **MVCSS** with **stylus** for writing maintainable and scalable **CSS** and **Gulp.js** for development workflow automation.

Software Engineer @ [ITDC](#)

November 2012 – August 2013 (10 months)

- Built MyVideoTV application for [Android devices](#) and custom [TV Boxes](#) using: **Java** and **Android SDK**.
- Wrote front-end of some responsive web sites using: **Bootstrap** and **jQuery** Libraries, **Guard** for automating development workflow, **Sass** and **Compass** for writing **CSS**.

COMMUNITY INVOLVEMENT

Co-founder & Co-Organizer @ [uniHack](#)

December 2013 – December 2015 (2 years)

- Organised 4 large international college hackathons in the country of Georgia.
- Developed the main web sites for our **hackathons**. Built simple particles' **physics 2D simulation** as a **Canvas** background of [uniHack.io](#). Used **gl-matrix** for high performance vector math, **browserify** and **CoffeeScript** for **JavaScript**, **Stylus** for **CSS** and **Jade** for **HTML**, **Gulp.js** for building *bilingual static sites*, **THREE.js** for 3D background of hackTbilisi's sites ([2014](#) and [2015](#)). Sources: [github/uniHackio](#).

EDUCATION

Computer Science, B.S.

Fall 2013 – Spring 2018

[Georgian Technical University](#), Tbilisi, Georgia