

# David Loukidelis

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## Summary

Six years of experience in computer programming. Comfortable working in many programming languages and paradigms including object-oriented and functional programming. Self-motivated and creative. Author of several independent software projects.

## Work Experience

### Sortable Inc.

Kitchener, Ontario

SOFTWARE DEVELOPER

Jan. 2017 - Aug. 2017

- Wrote Javascript that was deployed to hundreds of millions of browsers (Sortable Ad Tags)
- Wrote Sortable's Accelerated Mobile Pages (AMP) integration
- Contributed to the AMP project
- Built a new Ad Analytics view from the ground up using Apache Spark (processing of ad data), Presto DB and PostgreSQL (SQL database), Scala (backend) and Angular JS (frontend)
- Worked on data reporting in different timezone and increased granularity

### Applyboard Inc.

Kitchener, Ontario

FULL STACK DEVELOPER

May. 2016 - Aug. 2016

- Full stack Ruby on Rails development for Applyboard.com
- Implemented full-fledged features of site

### Fluid Media Inc.

Hamilton, Ontario

WEB DEVELOPER

Sep. 2015 - Dec. 2015

- Full stack Ruby on Rails development
- Learned how to integrate into tech company culture and work with teams on projects using tools such as Git and Github.

## Independent Projects

Please take some time to read more about these projects on my website or Github page.

### Parit

2017

- Automated cover letter writer
- Scrapes job postings from the University of Waterloo's Waterloo Works system for input
- Based on an input of keywords (languages, paradigms etc.) mapped to sentences, generates a cover letter tailored to the given posting
- Outputs the letter to PDF format using LaTeX

### Paladin

2017

- Experimental program to automatically enroll a student in a University of Waterloo course

### Evo

2014

- Natural selection simulator
- Randomly generates terrain and simulates how creatures adapt in it

### Jimmy the Alien

2013 - 2014

- Two-dimensional sandbox game with randomly generated world
- Smash and place blocks, re-arranging the world; avoid enemies, or destroy them

## Skills

**Programming** Clojure, Scala, Python, C/C++, Java, Ruby

**Web** AngularJS, vanilla Javascript (ES6), Ruby on Rails, Google's Closure Compiler, Accelerated Mobile Pages, Bootstrap

**Database** PostgreSQL, PrestoDB, Apache Spark

**Other** Unix, Git, Agile Development (Jira), MVC pattern, AWS, LaTeX

## Education

### University of Waterloo

Waterloo, Ontario

CANDIDATE FOR BACHELOR OF COMPUTER SCIENCE

Sep. 2014 - Present