

## Lee J. Avital

6000 Reynolds Dr, #1482, Rochester, NY 14623  
(646) 320-9143, leeavital@gmail.com

### EDUCATION

Rochester Institute of Technology  
B.S. in Computer Science, expected May 2016  
Minor in Music and Technology  
3.8 GPA (3.9 PFOS)  
Dean's List: Autumn 2011 - Present

### SKILLS

#### Languages

*Very Experienced*

*Proficient*

*Less Experienced*

#### Other Software:

#### Other Skills:

#### Miscellaneous:

Javascript, PHP, HTML, CSS, Python, Java  
SQL (MySQL, SQLite and MSSQL), C++, D, VBScript, Erlang  
Haskell, Prolog, Clojure, Common Lisp, Coffeescript  
Microsoft Access, the LAMP stack, Redis, Wordpress,  
JQuery, ASP Classic, Git, L<sup>A</sup>T<sub>E</sub>X, Vim, Eclipse, Cygwin, Django,  
Linux, Windows(server 2008, 7 and 8)  
Relational database design, object oriented design  
Finale (music notation software), FL Studio (digital audio  
workstation), Audacity (digital audio workstation),

### WORK SAMPLES

**Personal Homepage** <http://leeavital.com>

**Personal Code Repository** <https://github.com/leeavital>

- **SNAP:** a PHP microframework that drastically simplifies AJAX requests.
- **LazyJSON:** a lazy JSON parser written in the D programming language
- **EventOmniBox:** a Javascript tool that interprets human input about any event and provides the programmer with a usable interface to that interpretation
- **Erlang-Chat:** a multi-client chat server written in erlang with a client written in java
- **Volumetric Display:** a 3-D display that achieves depth through the use of a spinning mirror and a single projection (part of a group of 15 people)

### WORK EXPERIENCE

#### Developer Intern

My 2013 - Present

Massdrop Inc.

- Built new interfaces from the ground up to aid in user education and retention
- Built an internal tool to manage site content

#### Web Applications Programmer

May 2012 - May 2013

National Technical Institute for the Deaf at RIT, Rochester, NY

- Maintained and developed a course management system built on the ASP Classic Platform
- Built a file repository applications for instructors and students to manage course content
- Worked with a designer to create clean and usable user interfaces
- Maintained several legacy applications including an online sign language dictionary

#### Part-Time Developer

November 2012 - Present

RoomioTV

- Implemented an HTML framework for developing web based applications on a TV
- Assisted in logical database design

### EXTRA- CURRICULAR ACTIVITIES

- Participant, RIT Pep Band
- Participant, RIT Concert Band
- Member, Society of Software Engineers at RIT