Lee J. Avital

80 Colony Manor Drive, Apartment 5, 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: Fall 2011 - Present

SPECIALIZED COURSEWORK

- Programming Language Theory (fall 2013)
- Aspect Oriented Programming (fall 2013)
- Language, Technology and Society (spring 2013)
- Acoustic Theory (spring 2013)

PORTFOLIO

- **Personal Website** *http://leeavital.com*
- **Github** *https://github.com/leeavital*

PROJECTS

- **SNAP (shared namespace application programming)** A PHP microframework that drastically simplifies AJAX requests by exposing selected PHP functions through an automatically generated javascript API.
- **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)
- **Erlang-Chat** A multi-client chat server written in erlang with a client written in java/swing.
- **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.

WORK EXPERIENCE

Developer Intern   May 2013 - September 2013
Massdrop Inc.

- Built new interfaces from the ground up to aid in user education and engagement
- Built an internal tool to manage site content
- Assisted redesigning/refactoring site architecture

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 - May 2013
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