Lee J. Avital

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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	Javascript, PHP, HTML, CSS, Python, Java, Erlang
Proficient	SQL (MySQL, SQLite and MSSQL), C++, D, VBScript
Less Experienced	Haskell, Prolog, Clojure, Common Lisp, Coffeescript

Other Software: Microsoft Access, the LAMP stack, Redis, Wordpress, JQuery, ASP Classic, Git, LaTeX, Vim, Eclipse, Cygwin, Django, Linux, Windows(server 2008, 7 and 8)

Other Skills: Relational database design, object oriented design

Miscellaneous: Finale (music notation software), FL Studio (digital audio workstation), Audacity (digital audio workstation),

WORK SAMPLES

Personal Homepage *http://people.rit.edu/~lja5234/*
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
- **Ethereal-Commerce:** an ecommerce content managment system with support for theming built with PHP and MySQL
- **Erlang-Chat:** a multi-client chat server written in erlang with a client written in java

SPECIALIZED COURSEWORK

- Acoustic Theory
- Beginning and Intermediate Digital Audio Production
- Language, Technology and Society

EXPERIENCE

Web Applications Programmer   May 2012 - Present
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