

EDUCATION Rochester Institute of Technology
B.S. in Computer Science, May 2015
Minor in Music and Technology

PORTFOLIO

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

PROJECTS

- **LeadSheet** A python web-application that reads a series of chords and generates a musical accompaniment that musically-inclined users can improvise over
- **Dackson** A JSON parsing library for the D programming language which uses compile time metaprogramming to safely parse JSON into D structures

WORK EXPERIENCE **Software Engineer** May 2015 - Present
Palantir Technologies

- Collaborated on designing, building, and running continuous delivery infrastructure which automated deployments across the company and reduced deploy time from being measured in days to minutes
- Primary back-end developer on a service responsible for cataloging, searching, and permissioning user-facing resources within the Palantir ecosystem
- Helped design and build out the first version of the federated authentication service now used by all Palantir products to provide single-sign on functionality

Engineer Intern August 2014 - December 2014
Twitter Inc.

- Designed and implemented infrastructure for a new type of ad targeting
- Implemented the ability to preview tweets and tweet cards for several mobile platforms in the browser

Platform Intern, KPCB Engineering Fellow May 2014 - August 2014
Drawbridge Inc.

- Migrated infrastructure for processing charges from MySQL-based architecture to an experimental Kafka-based architecture
- Built out monitoring infrastructure, and a complementary visualization tool

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 and keep track of active shipments
- Assisted redesigning/refactoring site architecture

Web Applications Programmer May 2012 - May 2013
National Technical Institute for the Deaf at RIT, Rochester, NY

- Built a file repository applications for instructors and students to manage their course content
- Maintained several legacy applications in ASP classic including an online sign language dictionary