

liam sargent

software developer/audiotech guru

contact

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web

liam.t.sargent@gmail.com
linkedin
github
soundcloud

code

♥ Python,
Java, HTML, Javascript
Node.js & R

education

2012 - now Bachelor of Computer Science James Madison University
Minor in the Music Industry
CS Coursework emphasizes java, python, and ML/AI. Music Industry studies emphasize DSP and audio production.

experience

2014 CLOUDERA San Francisco/Palo Alto, California
IT OPS Intern
Provided front and back-end support and tools for the Cloudera community during the summer of 2014. Built tools in python and in MS Powershell to manage and modify active directory accounts. Designed and implemented a rapid hardware imaging system for company-issued computers. Wrote app for HR to pick winners of the employee referral program.

2013 - now JAMES MADISON UNIVERSITY Harrisonburg, Virginia
Computing Helpdesk Analyst II
Provide front-end computing technical support for large university community. Taught several thousand people of academia how to restart their computers.

awards

2012 Second Century Scholar James Madison University
Scholarship award for incoming freshmen with outstanding skills in science and technology

2014 Intel Mashery API Award Major League Hacking
Honorable mention and an API award for best use of an Intel Mashery API at HackGT 2014 for project SyncSpin

projects

2014 SyncSpin Python, NodeJS, REST
SyncSpin is an ongoing project to build a music streaming application for a hybrid voting/recommendation engine-curated playlist. Currently being ported to Soundcloud API and will feature a highly improved intelligent music recommendation engine.

2014 DciScoresBot Python, Reddit API
DciScoresBot is an autonomous reddit bot that posts details of DCI events in real time as they occur to the social media site Reddit.

interests

music production, hiking, tinkering, fixing broken things, web design, audio synthesis, social media mining, delicious craft beer.