

# liam sargent

software engineer/audio technologist

## contact

liam.t.sargent@gmail.com  
+1 (757) 746 4439  
2505 Bodnar Lane  
Virginia Beach  
Virginia 23456  
USA

## web

🌐 liamsargent.com  
🌐 liamsargent  
📧 themailman05  
🎵 the datamancer

## code

♥ Python  
Pandas | Django | Flask  
Java | Android  
HTML CSS JS  
Node.js | C

## interests

music production  
hiking/camping  
hackathons  
drum machines  
synthesizers  
hip hop

## 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 focus on audio production. Self-study DSP techniques.

## experience

2014

CLOUDERA

San Francisco/Palo Alto, California

*IT OPS Intern*

IT support for Cloudera community. Wrote Python and MS Powershell scripts for management of Active Directory. Designed and implemented rapid imaging system for company-issued computers.

2015

CLOUDERA

San Francisco/Palo Alto, California

*Software Engineering Intern*

Analysis of customer Cloudera Manager configuration data using Python data science tools and an internal Hadoop cluster. Internally developed & released library to accelerate CM data workflow.

2014 - now

JAMES MADISON UNIVERSITY

Harrisonburg, Virginia

*Co-Founder and producer of MHHC*

MHHC is a JMU student organization devoted to the creation and promotion of hip hop. 14 active members, Full-length LP in production

2013 - now

JAMES MADISON UNIVERSITY

Harrisonburg, Virginia

*Computing Helpdesk Analyst III*

Address IT issues for large university community.

## 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

2015

PlaytRate

Python, Flask, Twitter API,Alchemy API

PlaytRate is a web application for mining twitter data about restaurants and businesses. The system calculates ratings for restaurants using sentiment analysis of tweets involving the restaurant or business.

2014

SyncSp.in

Node.js, Socket.io, Beats Music API

SyncSpin is a web app for the Beats Music streaming service that allows real-time collaboration on a playlist. The app uses socket.io for instant voting on the next song, as well as poll accelerometer data.