

# Josiah Wolf Oberholtzer

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Date of birth: June 23, 1984

## Education

Ph.D. Music Composition, Harvard University, to be completed in May of 2015  
B.Mus., Oberlin Conservatory of Music, 2006

## Employment

Research Technical Assistant, MIT Music and Theater Arts Department, 2013-2014  
Research Assistant, Computer-assisted composition, Hans Tutschku, 2011-2012  
Teaching Assistant, Harvard University, 2010-2014  
Programmer, Forced Exposure, 2006-2008

## Technical Skills

*Languages:* Python (6 years), C, Java, PHP, HTML & Javascript, Max/MSP, SuperCollider  
*Development Tools:* Unix command line environment, git & svn, vim, LaTeX, Travis-CI, VirtualBox  
*Python-specific Tools:* numpy, pexpect, ply, pyramid, pytest, six, sphinx, sqlalchemy, tox, virtualenv  
*Audio Tools:* Ableton, AudioSculpt, Nuendo, ProTools, Reaper, iZotopeRX

## Open-Source Software Development

*Abjad*, Co-Author, 2009-  
A Python API for Formalized Score Control  
*Documentation:* <http://projectabjad.org>  
*Source:* <https://github.com/Abjad/abjad>  
*Supriya*, Author, 2013-  
A Python interface to SuperCollider  
*Documentation:* <http://supriya.readthedocs.org/en/latest/>  
*Source:* <https://github.com/Pulgama/supriya>  
*Music21*, Lead Programmer, 2013-2014  
A Toolkit for Computer-Aided Musicology  
*Documentation:* <http://web.mit.edu/music21>  
*Source:* <https://github.com/cuthbertLab/music21>

Scores and references available upon request  
Last updated: January 7, 2015