

Elliot Kermit-Canfield

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Education

Stanford University, Center for Computer Research in Music and Acoustics

Master of Arts in Music, Science, and Technology

2013–Present

Stanford, CA

The Pennsylvania State University

Master of Arts in Music Theory

2011–2013

University Park, PA

Thesis: Spatialization in Selected Works of Iannis Xenakis

The Pennsylvania State University | Schreyer Honors College

Bachelor of Arts in Integrative Arts, with focus in Music Technology

2008–2013

University Park, PA

Graduated with high distinctions and on the dean's list

Experience

System Administrator

Stanford University, Center for Computer Research in Music and Acoustics

Works with head system administrator at CCRMA upgrading and maintaining computer work stations, servers, and multichannel audio diffusion systems.

2014–Present

Stanford, CA

Music Technology Teaching Assistant

The Pennsylvania State University, School of Music

Taught introductory course on the fundamentals of digital audio and midi. Topics included sampling, filtering, convolution, audio processing (effects), sound synthesis, recording, audio editing/mixing, and midi. Assisted with courses on the science of music and the history of electroacoustic music.

2012–2013

University Park, PA

Recording Engineer

Self Employed/The Pennsylvania State University, School of Music

Recorded concerts and studio sessions for Penn State faculty, students, and ensembles. Helped build and maintain the school's recording studio.

2009–2013

University Park, PA

Mix Engineer | Sound Systems Engineer

Gamut Theatre

Mixed live shows for Gamut's free summer Shakespeare festival. Designed the sound system and directed its set up and strike crews each night of the show.

2010–2012

Harrisburg, PA

Chairperson, Penn State Audio Engineering Society

The Pennsylvania State University

Directed the executive committee of the PSU AES. Organized events and hosted guest lecturers.

2010–2011

University Park, PA

Technology Instructor | Tech Support | Webmaster

The Pennsylvania State University, School of Music

Maintained the Penn State School of Music website. Taught faculty to use the Drupal CMS. Provided Technical support and taught basic audio recording to faculty in the School of Music.

2009–2011

University Park, PA

Skills

Programming: C, C++, PERL, Matlab, Arduino, OpenGL

Systems: Macintosh/Linux, Raspberry Pi, Bash and shell scripts, Vim, Git, make

Audio: Protools/Logic/Ardour, SuperCollider/Max/MSP/Chuck/Pd, Sibelius/Finale/LillyPond

Web: HTML5, CSS3, JavaScript, Ruby/Rails, SQL/MySQL, Photoshop

Language: English (native), German (proficient)

references available upon request