

**Nicholas Schoeb**  
**Towson University Composition Portfolio**

Pieces in portfolio:

1. Apadest
2. Render
3. Piano 2004
4. SOLO\_2

**Apadest**

Duration: 11:35

Medium: Electroacoustic music on CD

Instrumentation: N/A

Notes for performance: N/A

Program Note:

*Apadest* is an electroacoustic work. The Towson University New Music Ensemble recorded the source files which were manipulated with ProTools and Max/MSP. It is based on change of change and the possibilities of permutations. Each successive manipulation of the source evolves into a new entity. Processes used include granular synthesis and delay layering.

**Render**

Duration: 5:28

Medium: Electroacoustic music on CD

Instrumentation: N/A

Notes for performance: N/A

Program Note:

*Render* is similar to *Apadest* in method. The source files were from a single cello. Individual phrases and notes were pasted together and reverb and reverse playback were the primary processes used to manipulate sound. The piece is minimalist in nature emphasizing the use of repetition to create unity.

**Piano 2004**

Duration: 4:23

Medium: Solo Piano

Instrumentation: Piano

Notes for performance: N/A

Program Note:

*Piano 2004* is a transcription of an orchestral work to piano. There are three distinct sections. Each presents a different character of music. It is simply a piece of music and nothing else.

## **SOLO\_2**

Duration: 4' 30"

Medium: Interactive

Instrumentation: Alto saxophone and computer processing

Notes for performance:

Sufficient rehearsal time with tech set up required.

Computer required, Apple running OS 10.3 or higher and Max/MSP 4.3 with mono audio input and stereo audio output. MIDI controller is optional but suggested. The MIDI controller can be set to control audio levels and the effects levels. Set all levels of inputs and control outputs as improvised.

The score is for the saxophone, the computer part is improvised. The computer operator should learn to “play” the computer to help shape the phrases of the piece. The software is a delay processor with some modulation. There are 4 levels of effects that can be changed. These are operated by a midi controller or a mouse. The computer part requires a computer with audio in and stereo out. The output should be sent to speakers which match the acoustic level of the sax. The midi controller must be set up if that is the desired method.

All performances of this piece require the setting of all levels, with a condenser microphone either preset 1 or 2 should work fine.

Program note:

*SOLO\_2* is an interactive work which requires the computer operator to “play” the computer to help shape the phrases of the saxophone. It uses delay processors and modulation to accompany the acoustic sound of the sax. The technology serves as an instrument.