

ARVID TOMAYKO-PETERS

Musician, Multimedia Artist

167 Transit Street, #2 \\\ Providence, RI 02906 \\\ (401) 490-1320

arvidtp.net \\\ arvid@arvidtp.net

May 8, 2011



PERSONAL DATA

Born: February 12, 1985

Area of Expertise: Electronic and experimental music composition, improvisation and performance, unique electronic instruments and controllers, multimedia, video, animation, realtime graphics

Primary Instruments: Trumpet, Flugelhorn, TOOB, other unique digital controllers, laptop, analog electronics

EDUCATION

2003 – 2007 Bachelor of Arts in Music (Computer Music and Multimedia) and Geological Sciences from Brown University, Providence, RI. Graduated Magna Cum Laude with honors in Music.

PERFORMANCE

- 2011 Performance in “**Cyberpool**” at the Boston Cyberarts Festival
- 2011 – present Member of **Megalosaurus the Daffodil Killer**, a Providence based electric jazz and electronic band: arvidtp.net/megalosaurus
- 2010 Audio/Video performance with The TOOB at **Handmade Music Brooklyn**, March 8, 2010: arvidtp.net/music.php#toob-handmade-music
- 2009 Performance with The TOOB at SIGGRAPH, August 5, 2009, New Orleans, LA: arvidtp.net/music.php
- 2009-2010 Member of **Modest Machine**: Electro-free-jazz Funk ensemble performing in Providence: modestmachine.arvidtp.net
- 2008 – present **Solo electroacoustic performances** in Providence, RI, Boston, MA playing trumpets, TOOB and analog electronics.
- 2006 – present Performer with **Brown New Music**, a student group performing the work of 20th century experimental composers. Participated in performances of pieces by Terry Riley, Cage, Saariaho, Stockhausen, Zorn and Meredith Monk: [brown.edu/Students/Brown New Music](http://brown.edu/Students/Brown_New_Music)
- 2007–2008 Member of **Metropolis**: Psycho-Electro-Acoustic-Islamo-Judaic-Hindu-Afro-Dance-Surf-FreeJazz-Metal-Groove Music, performing in Providence: metropoliscare.com
- 2007–present Experimental electronic and acoustic performances with vocalist Christie Lee Gibson in New York, Providence, Provincetown, Pawtucket, Boston and Portland, ME: arvidtp.net/ChristieandArvid
- 2007 Performance with **the TOOB**, a new unique flexible, wireless, motion and pressure sensitive wind controller with Brian Knoth in *while(1)* concert at Brown University and with Greg Souza at the Pixilerations Festival in downtown Providence
- 2004 – present Numerous solo and small group electroacoustic performances at art galleries such as CDS gallery and Ethan Cohen Fine Arts in NYC, ArtSTRAND and DNA gallery in Provincetown, MA, the Hillel gallery at Brown University.
- 2006 Performer in the **MEME Ensemble**, an electroacoustic improvisation ensemble. Performances at Hell's Gate social in Astoria, Queens and Pixilerations [v.3] festival in Providence, RI. Led by Kevin Patton.

- 2005 Performed *The Amphibious Destroyer Trumpet* and *Float 2.5* at **Pixilerations** [v.2] festival in Providence, RI. Both pieces are for digitally augmented trumpet, *Float 2.5* adds reactive realtime abstract video.
projo.com/art/content/projo_20050929_pixil29.16ce218e.html
- 2004 – 2005 Member of the **Crossroads Ensemble**, the Jazz/blues/R&B band for Brown Africana Studies Dept, performances for plays/cabaret, concert with original works. Instructor: Paul Austerlitz

COMPOSITION

- 2010 **Oelophobic** with Stephen Schwartz – audio/video performance using oil and water mixtures to generate live music and visuals to be performed at Pixilerations[v.7], October, 2010, Providence, RI: youtube.com/watch?v=0aTBSlgYz4k
- 2008-09 **Requiem Aeternam** with Christie Lee Gibson - performed at the Cryptic Providence festival in the North Burial Ground, Providence, RI, Pixilerations [v.4], Providence, RI and in Boston, MA and Portland, ME
- 2006 *Seminar in composition, semester I*. Brown MU0141, Instructor: Gerald Shapiro. Work on non-tonal harmony and rhythmic themes, writing pieces for piano and for brass quintet.
- 2006 Electro-acoustic studio composition **Inevitably, Another Plastic Hotdog** played at Pixilerations [v.3] in Providence, RI
- 2006 Spoken word based performance based on *Gerald's Party*, a book by Robert Coover including a group piece and *A Pitcher of Old Fashioneds* by Arvid Tomayko-Peters. Instructor: **Alvin Lucier**
- 2005 *Integrating Image and Sound*, Brown MU0182, a course on **electronic music and abstract animation** in which I created several original visual music compositions, both recorded and performed. Instructor: Dennis H. Miller.

MULTIMEDIA WORK

- 2007 **Climate Controlled**, an interactive sonic and visual installation based on 5.2 million years of climate change from the geologic record. Immersive, geographically spatialized octophonic sonification of geologic data from deep ocean cores with large projected visualizations, environmental lighting and explanatory placards. Visitors interact with the piece through a custom-built 5-foot long touch sensitive timeline interface mounted in a lighted display. Presented for one week at Brown University in March 2007 and two weeks in October 2007 at the Pixilerations festival in downtown Providence: arvidtp.net/geophonics
- 2007 Video design for *Airport* by Meredith Monk for Brown New Music and Brown Opera Productions' *Spacemonkey* performance.
- 2005 **Sensory Overlord**, an immersive 16 minute performance work consisting of live and precomposed 360° anaglyph 3D video surrounding the audience on three 14' x 9' screens and electroacoustic performance surrounding the enclosed space. With Cordey Lopez, Stefan Gislason and Peter Segerstrom.
flatflat.org/work/fa05/sensoryoverlord

TECHNICAL EXPERTISE

- 2010 – 2011 Sound recording, editing, foley, mixing and mastering for several short films, including *Balance*, a 48-hour film project film, Boston, MA: unrendered.org/balance and *Motivations Unlimited*, a finalist in the 72-hour National Film Challenge: unrendered.org/motivations-unlimited
- 2007–present Experience programming embedded Digital Signal Processors, R&D, prototyping, fabricating and debugging electronics for multichannel audio hardware devices at Your Heaven LLC of Providence, RI
- 2007–present Location recording experience with Your Heaven LLC of Providence, RI – recording, editing and mixing of concerts, audition recordings and conferences.

- 2007 *Designing and Playing Alternate Controllers*, Brown MU0282: experience building analog and digital electronics, programming microcontrollers (in C) and interfacing with computers, including via wireless technology. Instructor: Joseph "Butch" Rovan. My final product: a flexible, wireless, motion and pressure sensitive wind controller called the TOOB and accompanying reactive software in programmed in Max/MSP.
- 2005 – 2007 Sound, lighting, tech and location recording experience for large-scale performances at Brown University such as Brown New Music's *Aural Fixation (or Khristmas mit Karlheinz)*, performances of John Zorn's *Cobra*, Greg Souza's undergraduate thesis performance *Ahab* and my own undergraduate thesis installation *Climate Controlled* (see above) and others.
- 2007 *Scientific Computing and Problem Solving*, Brown CS0004. Matlab programming. Instructor: John F. Hughes
- 2006 The studio as instrument: recording, mixing and producing techniques. Instructor: Jim Moses
- 2006 – present Development of **Maestro Frankenstein** software: a multi-track sequencer for the creation of music from scientific timeseries data, used chiefly to create geophonic music. Created largely during a residency at the Osservatorio Geologico de Coldigioco in Le Marche, Italy in July 2006 under the guidance of Sandro Montanari and Gabriele Rossetti and with a grant from Loccioni Group. Actively maintained and freely available at arvidtp.net. Another trip to Coldigioco to work with Sandro Monatanri on a book and CD took place in July 2007.
- 2001 – present Extensive experience with audio, video, graphics and other creative software as well as a few programming languages. Here are some examples:
- | | |
|--|---|
| Max/MSP/Jitter | Realtime audio, performance, instrument design, data sonification, realtime video, 3D graphics, performance – also a programming language of a sort |
| Logic Pro, Pro Tools | Music composing, recording, editing and mixing |
| Inkscape, Adobe Illustrator | 2D graphics and design |
| Gimp, Adobe Photoshop | Image manipulation and digital photography |
| Final Cut Pro/Express | Video editing |
| Sony Vegas | Audio and video editing |
| Blender, Cinema 4D, other 3D | 3D modeling and animation |
| HTML, PHP, CSS, Wordpress, Zenphoto | Website design and implementation |
| C, C++, Code Composer Studio | Embedded systems programming |
- 2004 – 2007 Undergraduate study in geological sciences. Classes in climate science, oceanography, structural and field geology, sedimentology, mineralogy, geochemistry, tectonics, physics and biology, including field school in summer 2006 in the Idaho rockies. Field experience in Idaho Rockies, Southern New England area, Narragansett Bay, Death Valley, CA, Big Bend, TX and Grand Canyon, Zion and Bryce Canyons.
- 2004 – present Freelance web design and development for artists and writers using open source content management systems: arvidtp.net/webdesign.php

HONORS / AWARDS

- 2007 **Weston Award for Excellence in Music** conferred by the Brown University Music Dept.
- 2007 **Honors from Brown University Music Dept.** for *Climate Controlled* interactive geophonic installation project.

SELECTED PUBLICATIONS

- 2007 Interview on the June 8, 2007 edition of the nationally syndicated "**Living on Earth**" radio program distributed by PRI. Playing and explanation of my geophonic music pieces. Transcript and audio available at www.loe.org/shows/shows.htm?programID=07-P13-00023

2007

New New Media by Audrey Von Maluski in *The Post* from *The Brown Daily Herald*

WORK EXPERIENCE

2007 – present **Your Heaven, LLC** - studio assistant, software engineer, R&D. Duties include production, audio electronics, DSP and micro-controller programming, prototyping, location recording and bookkeeping. Providence, RI: <http://www.yourheaven.net>

TEACHING EXPERIENCE

2010 Two weekend **stop motion animation class** for students 12-15 years old at the Provincetown Art Association and Museum as part of the Art on the Edge program

2007 – 2008 **Guest Artist** at Rhode Island School of Design for several freshman foundations and graduate classes taught by Mark Milloff.

2007 **Guest lecturer** at Rhode Island School of Design on website design and construction for class *Digital Photography: Final Projects Studio* with instructor: David Ellis

2003 – present **One-on-one instruction in creative software** such as Adobe Photoshop, iMovie, Final Cut Pro, MaxMSP and Gimp and web software such as Wordpress and Zenphoto.