



Programming Music Summer Camp 2015

Events

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July 27-31, 2015
Louisiana State University, Digital Media Center
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Experience a mixture of science and the arts in this one-week camp designed for high schoolers. Supported by the [LSU Center for Computation & Technology](#), as part of their Cultural Computing focus, this course incorporates computer programming into a musical performance.

Learn to program in javascript to **live code** music in a web browser. Learn to make your own **web audio instruments** in Chrome, Firefox and Safari. Music topics on composition, form, and notation will be covered as groups form and hone musical performances. Final projects will be performed at a live concert at the conclusion of the week. Participants will learn how to publish their instruments and performances through the web.

Who: This is a beginner course in programming and music, though basic computer skills are required. Those with prior programming experience will still find many topics to learn and opportunities to apply their newly acquired DSP knowledge in making music. High school students (grades 9-12) are well prepared. Middle School students (grades 6-8) who have a little computer experience will be considered for the program as well. If the student has taken any of the CCT Summer courses they will be well prepared and encouraged to take this course.

Cost: \$115 pp. Participants must provide their own transportation and lunches. Bring coins for snack/coke machines. Refrigerator and microwave can be made available if needed. Please mark lunches clearly with students name.

Registration: [Click here to register!](#)

For a taste of Experimental Music and the EMDM Academy activities, check out - <http://emdmacademy.music.lsu.edu>

Taught by: [Dr. Jesse Allison](#), LSU assistant professor of experimental music & digital media. Dr. Allison is a leader in sonic art technology, thought, and practice. As part of the Cultural Computing focus of the Center for Computation & Technology, he performs research into ways that technology can expand what is possible in the sonic arts. Prior to coming to LSU, he helped to found the Institute for Digital Intermedia Art at Ball State University and Electrotap, an innovative media arts firm.

Schedule: Monday - Thursday, 9:00 a.m. - 4:00 p.m.; Friday,* 9:00 a.m. - 5:00 p.m.
*family members invited for Camp Composition Concert on Friday, [time TBA]

Location: LSU Campus, Digital Media Center, Room 1034. [Map it!](#)

For questions or special needs, contact Karen Jones at kjones@cct.lsu.edu or 225-578-0595.

For all LSU Center for Computation & Technology summer camp information, visit <https://www.cct.lsu.edu/cct-events>. For a listing of other LSU pre-college camp offerings visit: www.lsu.edu/camps.



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