

San Jose State University - Spring 2017

CS 185C-04: COMPUTATIONAL CREATIVITY

*Did you know that **COMPUTER PROGRAMS** have composed music nearly indistinguishable from Bach and have created art that has been displayed in galleries?*

**How can computers help you be more creative?
Use artificial intelligence systems to create art and music.**

Computational Creativity studies the potential of computers to be more than feature-rich tools, instead acting as both autonomous creators and co-creators with humans.

The course will enable students to critically consider questions concerning the creative capabilities of computer systems and the impact of computing on the arts, and allow them to make new creative systems by working in teams of students across different disciplines.

Topics include:

- History of human and computer creativity
- Computational musicology
- Computational visual arts
- Dance and technology

Course number: CS 185C-04 Day/Time: MW 4:30-5:45

Room: CL 243 Instructor: Maya Ackerman