

Robby Kraft

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Origami, Math, Science, Code

Experience

THE SCHOOL FOR POETIC COMPUTATION – FALL 2015

One of 11 students accepted to the Fall term. Personal projects featured in Forbes, Dailymail, and Gizmodo. Contributed 3 pieces in the final showcase.

ARTIST RESIDENCIES – 2015-PRESENT

Museum of Human Achievement Artist in Residence, Austin TX, March 2015
Gallery, NoNation, Chicago IL, January-February 2015

SIMULATOR TECH, PACIFIC SPACE FLIGHT; PORTLAND, OR – 2014-PRESENT

I turn physics papers into software: atmosphere predictions and calculations, simulation of lifting bodies for hot-air balloon simulation, simulator interface and visualizations. Pacific Spaceflight is the DIY Spacesuit operation out of Portland, Oregon.

MIXED REALITY ENGINEER, CHROMA; PORTLAND, OR – 2013-2014

Developed video games on iOS, Oculus Rift using OpenGL, OpenFrameworks (C, C++, Objective-C)

EDUCATOR, OMSI; PORTLAND, OR – 2009-2013

Physics lab volunteer and educator, lesson director, electrocutor of children.

Education

University of North Texas – B.A. in Philosophy, 2007
School for Poetic Computation, New York City, 2015

Skills

strong math and physics background, graphics and video game development, science and data visualizations, iOS development, embedded systems, sensors and hardware, Raspberry Pi / Arduino, origami design, classical composition, viola guitar piano performance

Robby Kraft is an artist and engineer from Texas based in New York City. He folds origami, creates digital art in both software and hardware, and plays music. His work has been featured on Forbes, Boing Boing, Daily Mail, Gizmodo, Engadget, and his Instagram account containing origami is on Instagram's featured accounts list.