An Orderly Assemblage of Biases

Computation as Cultural Material

Jason Edward Lewis
What They Speak When They Speak to Me
Everything about me is mixed, bridged, and on the cusp.

- Coco Solid
Writing Complex
The years in the blood keep us naked to the bone. 
So many hours of darkness we fail to sublimate. 
Light breaks down the days to printless stone.

I sing what I sang before, it’s the dream alone. 
We fall like the sun when the moon’s our fate. 
The years in the blood keep us naked to the bone.

I wouldn’t reach your hand, if I feared the dark alone; 
My heart’s a river, but is not chilled with hate. 
Light breaks down the days to printless stone.

We dance for memory because it’s here on loan. 
And as the music stops, nothing’s lost but the date. 
The years in the blood keep us naked to the bone.

-- from *The Years in the Blood*. D Niatum
```cpp
int extractUnique() {
    int elementKey = int(random(0, domain.length));
    // if element hasn't been filled, return it
    if (domain[elementKey] == -1) {
        domain[elementKey] = 0;
        domainCounter++;
        return elementKey;
    }
    else {
        if (domainCounter < domain.length) {
            return extractUnique();
        }
        else {
            // base case: when we've extracted all the unique keys
            return -1;
        }
    }
}
```
typography +
3D modeling +
vector graphics +
word processing +
computational linguistics
typography + 3D modeling + vector graphics + word processing + computational linguistics
writing → designing → programming

writing ← designing ← programming
aseology, certainly not about the loans made in bad faith... plus the creator coming to terms with that, there is sin in the world spirit ferchris.

we were three, three.
The Summer the Rattlesnakes Came
STANFORD UNIVERSITY
SYMBOLIC SYSTEMS PROGRAM
“computer systems, robots, and people are all examples of symbolic systems, agents that use meaningful symbols to represent the world around them so as to communicate and generally act in the world. The notions of symbol, meaning, representation, information, and action are at the heart of the study of symbolic systems.”
COLOR BIASED

When artificial intelligence judges a beauty contest, white people win

By Dave Gershgorn  September 06, 2016
ALPHA MALE SKIN "THE PREDATOR"

Second Life Skin
“I’m sick of being a man.”
aboriginal territories in cyberspace

2006 - present
Initiative for Indigenous Futures
Sharks in the Ocean

The World That Surrounds You Wants Your Death, p. iii
Initiative for Indigenous Futures
Embedded software development tools
- Assembler, compiler, linker, debugger, static and dynamic testing

Engines executing the hardware that runs the software
- Virtual prototyping
- RTL simulation
- Emulation/acceleration
- FPGA-based prototyping
Kaia’tanoron Bush (Mohawk). Use It.
Graphite on Gessoed Ground and Digital Painting. 2015
Illustrating the Future
Imaginary
Teyowisonte
Tommy Dear
Perseverance
(2015)
Future Character Workshop
Name: Tsul Zhah "Little Bear"
Age: Unknown
Weapon: Bow (Never misses)
Pendant: Feather
Mispun (Winter)
Moose Hunt
Moose hide tanner

Mandee McDonald
drawing by Skawennati
(2015)
Postcommodity

Each Branch
Determined
(2016)
No Choice About the Terminology
The best way to predict the future is to invent it.

Alan C. Kay
image: Jeffrey Veregge (S’Klallam). Bold Steps. Digital. 2015
HEAVILY ARMED WHITE MEN TAKE OVER NATIVE LAND AND THREATEN TO KILL

ALL ACQUITTED

PEACEFUL NATIVE TRIBES PROTECT LAND THEY OWN THROUGH 1850 TREATY

ATTACKED AND MASS ARRESTED BY RIOT POLICE WITH TANKS, ATTACK DOGS, AND SOUND CANNONS