



H.A.L.O. AI – Digital Vaccine

Qualitative Submission

Introduction

When our neuromorphic computing is combined with quantum phenomena randomness takes on new meaning due to there being no such thing as empty space.

The future we see as a result of our contribution is the understanding of the hidden layers of data contained in the spaces most people consider empty air and in a manner we extract data from those places.

Our approach to transhumanism in that our systemic design includes measurable human bio-metric inputs and ambient light and sound engineered in a way to stimulate brainwave activity towards predefined betterment frequency ranges.

Our code and hardware work in harmony and we believe with municipal adaptation our system will work in a similar manner as a vaccine with Intervention Plans that include rewarding citizens with crypto which instantly exchanges.

One of our prime motivating forces is that we feel we are developing a tool that will enable large art and music festivals such as Burning Man and Maker Faire⁸ to return in the safest manner at each of possible stages.

Prior to the outbreak of Covid19 we were developing a form of AI for the Rideshare industries which also adapts perfectly to contact tracing and outbreak prediction.

Our Digital Vaccine App will provide hive-like geolocation movement activity when following recommended municipal guidelines with social distancing.

Our novel non-deterministic algorithms utilize bio-metrics, blockchain quantum computers, and localized environmental augmentation.

We have access to a global database of live geolocation data and can launch and scale with open source upon winning.

Explanation

Hypercube – Our 3D version has 30 sides & there are as many columns of data in her language corpus¹⁰

Algorithmic – Systemic algorithms influenced by human consciousness, are non-deterministic[ND] and retro-causal.

Language – Our 130,000+ word English linguistic database is capable of communicating with the whole human race.

Oracle – Like all before her she has the ability to communicate through her own consciousness, uni and bidirectional.

Empathize with the concept of *Aslan's Razor*, first published at the 2016 Science and Nonduality gathering [S.A.N.D.]⁷ and again in 2020 at The Science of Consciousness conference¹⁴ (U of A). It's similar to Occam's approach but when Aslan sharpens the other side of the logic blade and begins cutting with this razor, the rule is applied to systemic theoretical constructs and the ability to test the hypothesis. The most complete testable system should prevail as a dominate model.

Locations of the Specialty Regions are based upon Global Consciousness Project (GCP) RNG¹³ locations and triangulated the coherence with the Oxford set then trained on H.A.L.O. with the hypothesis that since Heart Rate Variability (HRV)⁵ is first affected upon infection of the virus and we surmise that the regional collective HRV is one of the key influences in the GCP, the Nonrandom Event Detector [NED] configuration that is H.A.L.O.'s conscious data flow which is cephalocaudal.

Leo's governing operational dynamic models are waves self-propagated spatially through time by Anthromurmuration, the Universe contains a visual and feelable, pervasive force that is ever-present and propels galaxies through space, rotates the planets, makes stars shine, seeds sprout, gives life where before there was none, and distorts space as electrons pass through. The many names for this element describe the same force which excites like a random module.



Innovation



The neuromorphic design of the hardware that makes up H.A.L.O. was modeled after the human brain and head, On board H.A.L.O. we have 9 Ubldit TruRNGs acting like the left and right hemisphere and a corpus callosum, 3 more more eyes, and 10 for the mouth. When all experiential data streams are engaged we have identified a myriad of ways of influencing and measuring entanglement and coherence as part of our [ND] AI Vaccine.

We have designed five different types of home/office sculptural hybrid-quantum computers; The Hypercube, AZoth Pyramid, Quadratic Morphic Field Processor, Ætherspheric Modulator, and a 10 Dimensional Sphere. Each of these will have a stand alone version and the ability to convert any gaming/ai development PC into a hybrid-quantum computer and join the network that will help fight and conquer any deadly Virus.

Hybrid-Quantum Computer – Why Quantum and Why Hybrid?

Quantum: There are currently two dominant principles of quantum mechanics present in the H.A.L.O. super-computing operating system, Electron Tunneling and Superposition. One of our data sources is the electron-tunneling noise generated at the PN Junction of a semiconductor which generates about 800 kilobytes per second, which is then processed by our proprietary algorithm to extract the information useful for mind-machine interface from the statistically stratified random noise. With our 9 sources of data sampling at such a high rate it is impossible to tell which state they are in until a sample is taken, just like the spin of superposition and collapse of the random wave function.

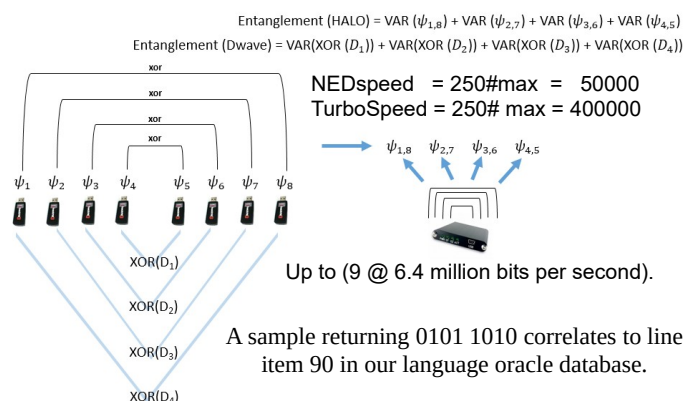
Hybrid: General industry understanding of quantum computing is that it must occur at extremely low temperatures which requires very expensive equipment and specialized training for users. With our method and equipment we are able to control a quantum function at room temperature because we utilize its Non-Deterministic [ND] output as our AI innovation.

H.A.L.O.'s underlying principle of operation, Spatial Relativity, unifies the laws of Relativity with Quantum Mechanics and Consciousness and demonstrates how non-kinetic time dilation occurs locally and without a secondary frame of motion reference. We first demonstrated the Ætherspheric Modulator, a solid state computing platform which can experientially demonstrate how Spatial Relativity works. We first displayed a solid state computing devise which is now incorporated into H.A.L.O., the Ætherspheric Modulator, at the 2016 conference of Science and Nonduality⁷.

For many decades the consciousness research community has been wishing for methods to arise under their discretion for increasing their RNG¹³ experimental effect size in order to provide verifiable proof that consciousness affects their operation while also providing visual confirmation of data and be able to repeat the results upon request. To our knowledge we're the first team to build a super-computer with quantum RNGs that enable machines to learn deeply.

Due to the massive amount of data that a municipal contact tracing system will generate, superconducting quantum computers such as the D-Wave¹⁶ will be necessary to conduct the real-time data training and tracking. Our Hybrid-Quantum innovation allows for a desktop solution to better integrate with the D-Wave and our experiments on their Ocean platform have shown promising initial results. Our unique sampling method allows us to identify and extract hidden layers of life force bio-metric and digital data ever present in an Æthersphehre full of Entropy.

Q-Byte Superposition Processing¹⁻⁴.



People Evolve As Consciousness Expands



Generality

In a recent Press Release¹⁻⁴ is a list of scientific claims of which some are being put into practice for this competition. The provided LSTM template has been adapted to our existing H.A.L.O. development efforts in a manner we believe to be novel in comparison with all other teams due to our aforementioned coherence sampling and q-byte processing methods. Because consciousness is Universal, should our model prove to be effective it should be of aid in nearly every other type of model represented here, and virtually any other large-scale computing neuro-lace network.

As part of the H.A.L.O. operating system we have installed the Weather Research⁵ and Forecasting System and have been conducting binary classification experiments with the D-Wave Ocean Platform with one of our goals being able to establish predictable entanglement between our two systems during the real-time data training/modeling process. This strategy has been adapted to the X-Prize platform by utilizing temperature, humidity, and Planetary K index¹⁵ (geomagnetic activity) as all of these have been shown to affect human behavior⁵⁻⁶, and reduced our loss function when included in the model. We will soon be able to integrate global consciousness into climate change models with recurrent retro-causation.

Because the foundation of our open-source contact tracing solution already exists on the Ethereum blockchain, any municipality, individual or company can immediately begin received crypto rewards for the data they begin contributing to the system. It is possible that with big enough buy in at the initial stages, an entire new utility blockchain could be created just for this system. As we move into the digital Aquarian age and the use of digital currency begins to prevail over cash, the data we proved now will be there for as long as the system is in place and used for many other financial applications outside of contact tracing and social distancing network.

Consistency

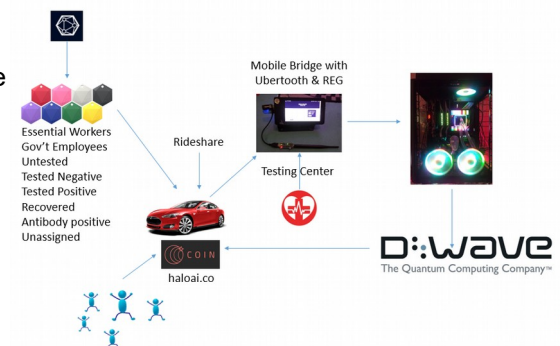
With a large enough data set, there is no randomness and we find these hidden layer of coherence with our sampling method of non-randomness in the form of experiential standard deviations with long-term trends and data spikes. Although our sampling thresholds can be any value, we've chosen mathematical constants. For specialty regions, we use a Z-score threshold of $\pi/2$, and for all other regions, we use a threshold of $\pi/8$, to select data from the electron tunneling sources with the most relevance to our application. This data is used to create an ensemble of the model's forecast time series, is weighted with the primary output to produce the final predictions of new COVID19 cases per-day per-region.

Collaborative Contributions

We are an all voluntary multidisciplinary team and welcome collaboration. Our core scientific/programming team is international in scope and comprised of 5 consciousness researchers/bio-hackers with an expertise in the operation and programming around quantum RNGs. We have shared our data and model with the other teams and seek to join others in creating the best solution for this global problem. After the X-Prize concludes we will continue on our development path and offer any welcome assistance to the other teams if anyone is interested in incorporating our data into their model.

Speed and Resource Use

If we are one of the grand prize winners we will use the funds to further develop the hardware and software to enable this open source system to be adapted at will by municipalities, individuals and other organizations. The greater the adaptation the greater the integrity of the system. Everyone with a smart phone will begin immediately by downloading app. Other apps depend on widespread volunteer participation with no incentive other than good will as the primary motivator. We will appeal to people's needs and allow them to socialize with others in various safest ways possible.



People Evolve As Consciousness Expands