|  |  |
| --- | --- |
| Dr. Thomas Catalano, Ph.D  Governor of  Classic & Quantum Mechanics | horizontal line Dr. Thomas Catalano 5120 North Broadway APT 302  Denver, CO 80216  719-290-1538  [tomcatalano@outlook.com](mailto:tomcatalano@outlook.com)  github.com/tomsnode  www.conceptslearningmachine.com |
| **ㅡ** myManifest | horizontal line  For the continuous betterment of education by growing academia and industry with proven data and practices forthwith scientific and engineering works such as the formula I proved with the true calculated Speed of Light ( *c* = 0 ) and disclosed to the International Organization for Standards(ISO)-Geneva, Switzerland. |
| **ㅡ** Industry | horizontal line  **github.com/conceptslearningmachine** - (STEM) 2013-Present day / the Universe What started as the standard descriptor as a "computer" software repository to the total embodiment of ethics, (STEM) and systems development and engineering with proven information and procurement of data in file formats for secure storage and redistribution.  **conceptslearningmachine LLC.** - Classic & Quantum Mechanics Engineer August 2019-Present day / Denver, CO Science and engineering with ethical algorithmic processes & procedures.   * The working utility invention Natural Human WaveLength & Impedance Meter/Visual Recognition Medical Instrument I engineered and built, submitted a white paper to the U.S Army Research Laboratory(ARL).   **ALTUSNET LLC.** - Computer Scientist & Engineer November 2017-November 2018 / Lincoln Park, NJ Systems architecture extenuating by software and algorithmic processes.   * Engineered and built Toke Core the working hyperprotovisor systems software running the Bitcoin p2p network, confirming and reporting to the U.S. Federal Trade Commission at antitrust@ftc.gov the illegitimacy of cryptocurrency and inefficiency of "blockchain" as a hashing log verifier, "hyperledger".  Catalano Concepts LLC. - Nuclear & Aerospace EngineerJuly 2013-Present day / West Orange, NJ  * First and only to achieve Nuclear Fusion by implicitly engineering and building the working utility invention Nuclear Fusion Reactor and a working Fusion Reactionary Engine, reported to the U.S. National Aeronautical & Space Agency(NASA) for geo-satellite concatenation of scientific proofs. * Engineered and partially built the working utility invention Full-Spatial Median-Free Liquid and Photonic Bit Transfer Module System 276,480-bit Computational Processor and submitted a drafted technical manual to the U.S. National Security Agency(NSA). * Reported engineering flaw to U.S. Naval Research Laboratory(NRL) on LIDAR sub-system for the F-23 joint strike fighter jet aircraft while conducting its flight operations. |
| **ㅡ** Academic | horizontal line MIT-Cambridge, MA **Princeton University**-Princeton, NJ  **-------------------------------------------------------------------------**  **Knowledge base learning-**The accumulation since AD 1986 AD in seeming the course study material that embodies Science & Engineering set when I chose my first books that have stayed with me my entire life. |
| **ㅡ**  **Committees** | horizontal line  **IUPAC member**  **IEEE member**  **ACS member**  **ACM member**  **Sequesterer to ICJ-CIJ on required certification and licensing for;**  **Classic & Quantum Mechanics and all its governing bodies.**  **Member author for the;**  **Publication of the American Society for**  **Gravitational and Space Research** |