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| Dr. Thomas Catalano, Ph.D  Astrophysics Engineer /  Computer Scientists | horizontal line Dr. Thomas Catalano 5120 N Broadway 302  Denver, CO 80216  DOB:02.05.1981  [tomcatalano@outlook.com](mailto:tomcatalano@outlook.com)  github.com/tomsnode  [www.conceptslearningmachine.com](http://www.conceptslearningmachine.com)  this document labled:Dr. Thomas Catalano's career resume(."file format") |
| **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 formulating the true calculated Speed of Light ( *c* = 0 ) and sequenced result to the International Union of Applied and Pure Chemistry(IUPAC). |
| **ㅡ** Industry | horizontal line  **github.com/conceptslearningmachine** - Computer Scientists & Engineer 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** - Astrophysics Engineer/Computer Scientists September 2019-Present day / Denver, CO Science and engineering with ethical algorithmic processes & procedures.   * The utility invention; Natural Human WaveLength & Impedance Meter/Visual Recognition Medical Instrument I formulated, designed, engineered and industriallyl manufactured, submitted a white paper to U.S Army Research Laboratory(ARL). * Researched and developed White Pepper plant bulb as synthesized Amphetaphine drug, communicated to the U.S. Food and Drug Administration(FDA) and coursing FDA new drug application.   **ALTUSNET LLC** - Computer Scientist & Engineer November 2017-November 2018 / Lincoln Park, NJ Software engineering.   * Developed, engineered and built; Toke Core, the working hyperprotovisor blockchain software running the Bitcoin p2p network, communicated to the U.S. Federal Trade Commission at antitrust@ftc.gov the hyper-ledger software designed to pass all log(n).  Catalano Concepts LLC - Astrophysics Engineer/Computer Scientist1987-Present day / West Orange, NJ  * First and only to achieve Nuclear Fusion by implicitly formulating, designing, engineering and industrially manufacturing the utility invention the Nuclear Fusion Reactor and the Fusion Reactionary Engine; communicated to U.S. National Aeronautical & Space Agency(NASA) for geo-satellite concatenation of scientific proofs. * Formulated, designing, engineered and industrially manufacturing ready the utility invention; Full-Spatial Median-Free Liquid and Photonic Bit Transfer Module System 276,480-bit Computational Processor/Computer and submitted working draft on its architecture to U.S. National Security Agency(NSA). * Technical report to U.S. Naval Research Laboratory(NRL) on diagnosed F-23 jet fighter aircrafts LIDAR sub-system's engineering flaw. |
| **ㅡ** Academic | horizontal line MIT-Cambridge, MA **Princeton University**-Princeton, NJ  **-------------------------------------------------------------------------**  **Knowledge base learning-**The accumulation since 1986 in seeming the course material that embodies Science & Engineering; from atomic physics to aerospace engineering, set when I chose my first books that have stayed with me throughout my entire life, just as my skilled occupation, a forensic scientist with my works in scientific truth proven by the formulation sum. |
| **ㅡ**  **Committees** | horizontal line  **IUPAC member**  **IEEE member**  **ACS member**  **ACM member**  **Sequesterer to ICJ-CIJ/U.S. governing bodies on required certification & licensing for:**  **Implementation(s) of Classic & Quantum Mechanics;,**  **Implementation(s) of Computational Algorithm's;.**  **Member author for the;**  **Publication of the American Society for**  **Gravitational and Space Research** |