

# Dr. Thomas Catalano, Ph.D

Governor of:  
Classic & Quantum  
Mechanics /  
Algorithm

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## myManifest

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## Industry

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**Dr. Thomas Catalano**

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[github.com/tomsnode](https://github.com/tomsnode)

[www.conceptsllearningmachine.com](http://www.conceptsllearningmachine.com)

this document labled:Dr. Thomas Catalano's career resume(."file  
format")

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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).

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### **github.com/conceptsllearningmachine -** (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.

### **conceptsllearningmachine LLC. -**

Material Scientists & Engineer

August 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).

### **ALTUSNET LLC. -**

Computer Scientist & Engineer

November 2017-November 2018 / Lincoln Park, NJ

Systems architecture extenuating by software and algorithmic processes.

- Developed, engineered and built in AD 2018 AD; Toke Core, the working hyperprotovisor systems software running the Bitcoin p2p network, confirming and communicating to U.S. Federal Trade Commission at [antitrust@ftc.gov](mailto:antitrust@ftc.gov) the illegitimacy of cryptocurrency financial market and the inefficiency of

"blockchain" algorithm as a hashing log verifier, "hyperledger".

## **Catalano Concepts LLC. -**

### **Nuclear & Aerospace Engineer**

July 1986-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-23n jet fighter aircrafts; LIDAR sub-system engineering flaw.

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## **Academic**

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MIT-Cambridge, MA

Princeton University-Princeton, NJ

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**Knowledge base learning**-The accumulation since AD 1986 AD in seeming the course study material that embodies Science & Engineering; from atomic physics to aeronautical design, set when I chose my first books that have stayed with me my entire life.

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## **Committees**

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IUPAC member

IEEE member

ACS member

ACM member

Sequesterer to ICJ-CIJ on required certification & licensing; for: Classic & Quantum Mechanics; Algorithmic implementation(s);.

Member author for the;  
Publication of the American Society for  
Gravitational and Space Research

