

January N. Walker  
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**Advanced Product Manager & Cybersecurity Officer in all aspects of information, identity, & blockchain systems including regulatory compliance development in both classical and quantum systems. Information Polymath.**

## WORK EXPERIENCE

CEO/Founder, Infoton, Salt Lake City, Utah 2025 – Present  
*Building API-based quantum information products for classical data architecture and cybersecurity,  
Launching Enhanced Social Engineering Training in corporate environments*

Cybersecurity Information Security Officer Crypto, Fidelity Investments, Salt Lake City, Utah  
2022 - 2025

*Head of Social Engineering, Year End Government Regulatory Compliance, and Information Security  
Investigations <https://www.fidelity.com/security/identify-fraud-and-phishing-scams>*

Cybersecurity Identity Product Manager, Fidelity Investments, Salt Lake City, Utah 2020 - 2022  
*Deployed Universal Identity, Behavioral Biometric technology that proves you are a real person, and we  
are interacting with you. <https://www.plynkinvest.com>*

Compliance & Legacy Systems Product Manager, Dealertrack, Salt Lake City, Utah 2018 - 2020

*Managed Legacy systems including Regulatory compliance for IRS, & PCI  
<https://us.dealertrack.com/content/dealertrack/en/dealer-management-solutions/platform.html>  
<https://us.dealertrack.com/content/dealertrack/en/f-and-i/compliance.html>*

Product Manager, SolutionReach, Salt Lake City, Utah 2017 - 2018

*API & HIPAA Compliant Provider Reviews & Communication Software  
<https://www.solutionreach.com/platform/solutions-overview/two-way-texting>  
<https://www.solutionreach.com/platform/solutions-overview/reputation-management>  
<https://www.solutionreach.com/platform/solutions-overview/integrations>*

Product Lead Henry Schein, Salt Lake City, Utah 2013 - 2017

*ePrescribe NYDFS Identity Digitization  
<https://www.hseprescribe.com>*

Geek Squad Agent, Salt Lake City, Utah 2008 - 2013

*Computer Repair & Malware Removal*

## EDUCATION & SKILL STACKING

Pursuing PhD Candidacy Stanford University 2025  
*Neuroscience & Information Physics*

Utah Valley University 2016-2021  
*Bachelors, Business, Economics, & Finance*

Scaled Scrum Product Owner Certified (SSPOC), Pragmatic Marketing Certification 1-3,  
(ISC)2 Security CISSP (ISC2-CISSP), A-CSPO

## PhD DISSERTATION

### Exploring the Quantum Field through Information Physics

*I demonstrate that information physics resolves the information paradox by unifying Einstein's and Hawking's frameworks, yielding measurable energy efficiency gains in any system where information dynamics can be optimized – from data architecture and BCIs to organoid programming, cellular simulation, cosmology, and temporal dynamics.*

## DEMONSTRATABLE PRODUCTS & RESEARCH:

[Quantum Information Field](#): A visual demo of the information field which shows how information from classical computers may be placed into quantum computers. Can also be deployed to enhance cybersecurity of classical computers.

[Unity Equation in Langrangian](#): A physics accurate Black Hole using known physics current use being explored by Clark Planetarium, space stations, and NASA.

[Data Folding Technology](#): Data Centers have an issue with energy demand and data scaling. This proof of concept uses known physics to repair the issue.

[Wave Based Physics Programming Language](#): Brain computer interfaces & quantum will not be programmed with 1s & 0s but instead with waves. This demo provides a visualization.

[Virtual Mitochondria](#): Instead of being built with machine learning and AI, The Mitochondria Virtual Cell uses mathematics to model biological life to advance cures for diseases.

[Neural Field](#): The Neural field shows human thought with physics. By Aligning AI programming to the neural field the AI token ratio becomes precise and thermodynamics reduced.

[Cybersecurity Mindfulness](#): The replacement for standard Cybersecurity Phishing Trainings which leverages Kinesiology, Neuroscience, and Behavioral Science to prevent social engineering exploitations

All research & products are original and not AI produced. Demonstrations use AI to provide visualizations of mathematical concepts. It is well known that the AI Machine Learning algorithms are unable to perform generate new mathematics as the industry has spent billions attempting to and failed.

## DEMONSTRATABLE PRODUCTS & RESEARCH:

Mindfulness & Performance Psychology Apprenticeship 2022 - 2025

*Fit Mind Training , Dr. Toby Larson*

Physics Apprenticeship 2023 - 2025

*Theoretical Field Physics, Michael "Stix" Lee*

Quantum Cryptography Apprenticeship 2025

*Mathematical Chemist, Mike C. Rose*

Business & Corporate Strategy Mentorship 2024  
*VP Strategist, Sara Rutstein*

### **CONSULT & SELF INITIATED PROJECTS**

CEO, Stingray, Salt Lake City, Utah 2023 - 2025  
*Designed Technology Integrated Paddleboard Paddle shares*

Blockchain Identity Product Manager, Blockchains, Salt Lake City, Utah 2022 - 2023  
*Designed Self-Sovereign Identity Wallets & a Blockchain Wallet Key Recovery Tool*

Founder, Empower, Salt Lake City, Utah 2018  
*Microfluidics Rapid STD Testing API Dating App Integration*

### **UNIVERSITY SERVICE**

Volunteer Robotics Coach, Excelsior Academy 2025  
VEX Robotics Competitions

### **MANUSCRIPTS IN PROGRESS**

- **Exploring the Quantum Field through Information Physics**
- Entropy Collapse: Hidden Cybersecurity Threats of High-Energy Computation on Financial, Quantum, and Biological Systems.
- Infoton: The Fundamental Unit of Information & it's Impact on Precision Energy & Storage in Data.

### **PRESENTATIONS AND POSTER SESSIONS**

Machine Learning, Data Privacy, & AI  
Cybersecurity Expo 2022

### **PATENTS**

<b>Patent</b>	<b>Year</b>	<b>Status</b>
Virtual Mitochondria	2025	Patent in Progress
Infoton-Based Quantum Encryption	2025	Patent in Progress

### **PROFESSIONAL ASSOCIATIONS**

Member, Society for Neuroscience  
Member, American Mathematical Society

### **REFERENCES**

Alec Nelson, Collaborator Massachusetts 828 - 260 - 5440 <a href="mailto:Alecrendallnelson@gmail.com">Alecrendallnelson@gmail.com</a>	Hannah Bjerregaard, Friend 801 - 380 - 9909 <a href="mailto:hanbjerr@gmail.com">hanbjerr@gmail.com</a>	Scott Player, Architect Mentor 801 - 309 - 0172 <a href="mailto:Scott.Player@fmr.com">Scott.Player@fmr.com</a>
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