

## **Randall Shane, PhD**

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Dr. Randall Shane is an experienced Machine Learning and AI developer. He possesses a BS in Accounting, Masters & PhD in Computer Science, and a Graduate Certificate from Stanford University in Data Mining. Having held positions ranging from CTO to Chief Data Scientist, he maintains specific expertise in architecture, scalable storage, web and mobile development, machine learning, and statistics.

He presently teaches Advanced Database Design at Boise State University and a battery of machine learning courses at University of California Irvine. He is an alumni of 2 Big 4 firms (Deloitte & KPMG) and 4 startups (2 sold, 1 meh, 1 crash). Having published '[Python in 100 Pages](#)' available on iTunes & Amazon, he continues to actively code. Present projects include a progressive Natural Language Processing application and a mobile sentiment platform. Dr. Shane runs this artificial intelligence development consultancy ([CodeIntelligence.IO](#)) and maintains a position as Vice-President of the national board of the [U.S. Hang gliding and Paragliding Association](#).

### **AREAS OF EXPERTISE**

- Cloud, hosted, SAAS architecture, and scalable storage
- Natural Language Processing
- Data science and machine learning
- Full stack modular and MVP development

### **SKILLS**

- Python, Javascript, HTML/CSS, R, Swift
- MongoDB, Redis, Firebase, SQL
- Linux, AWS, iOS, macOS
- Top 5% Stack Overflow, GitHub, Xcode

### **ACCOMPLISHMENTS IN MACHINE LEARNING**

- NLP chat application applying sentiment on iOS/Firebase.
- Data Scientist at Bodybuilding.com implementing a health and fitness AI.
- Recommendation engine written in R sourcing Oracle's ATG e-commerce.
- Derived an algorithm for the Southern District of NY U.S. Attorney's office isolating trade violations on the NYSE for prosecution.

*What would you like to build?*