WILL FINDLEY

COMPUTER SCIENCE AND DATA SCIENCE INSTRUCTOR

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(318) 349-6533

Education

NYU

PhD in Biophysics and Neurophysiology **2013**

Taught various computational courses, including: "Data Science", following *The Elements of Statistical Learning* by Hastie et al. and *Probability Theory* by Jaynes; "Scientific Argument Analysis", critiquing structured data analysis and multiple comparison statistical significance in current *Nature* and *Science* papers; "Computational Informatics", following *Introduction to Algorithms* by Cormen et al.

Caltech

BS in Engineering and Applied Science **2003**

Used statistical learning algorithms (independent and principle component analysis, linear regression analysis, multiple comparison statistics) and signal processing techniques to analyze inverse problem solutions to modeled biophysics of human brain magnetic activity.

Experience

Dalton

Computer Science and Data Science Instructor **2011-2015**

Taught various computational courses, including: "Data Science", following *The Elements of Statistical Learning* by Hastie et al. and *Probability Theory* by Jaynes; "Scientific Argument Analysis", critiquing structured data analysis and multiple comparison statistical significance in current *Nature* and *Science* papers; "Computational Informatics", following *Introduction to Algorithms* by Cormen et al.

Science Research Program Co-Director **2011-2015**

Coordinated roughly 50 student research projects, and personally mentored half-a-dozen. Provided intellectual support to scientific literature analysis for outside lab work and validated student research output. Research, both in outside labs and from personal mentorship, was honored by both Intel and Siemens and presented at professional conferences.

NYU School of Medicine

Research Assistant **2003-2011**

Used statistical learning algorithms (independent and principle component analysis, linear regression analysis, multiple comparison statistics) and signal processing techniques to analyze inverse problem solutions to modeled biophysics of human brain magnetic activity.

Profile

Progressively evolve cross-platform ideas before impactful infomediaries. Energistically visualize tactical initiatives before cross-media catalysts for change.

Skills

Web Design

Assertively exploit wireless initiatives rather than synergistic core competencies.

Interface Design

Credibly streamline mission-critical value with multifunctional functionalities.

Project Direction

Proven ability to lead and manage a wide variety of design and development projects in team and independent situations.

Technical

Python	R	Matlab
Hadoop MapReduce	Slack	SQL
C/C++	Java	AWS