Internship Opportunities for Graduate Students

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Fidelity Investments
Melinda Thielbar

• Vice President of Data Science at Fidelity
• Ph.D. Statistics
• M.S. Labor Economics
THIS IS WHAT YOU’VE BEEN PREPARING FOR.
YOUR CAREER STARTS HERE.
Tech at Fidelity

- Over 12,000 technologists globally
- A start-up attitude without the risk
- 2400+
  Leap program graduates across the globe since 2009, with Fidelity jobs waiting for them.
- $2.5B
  Invest $2.5B annually in game-changing tech platforms
Technical Internships

- Paid Internships
- Hands-on and meaningful work
- Current business projects impacting our business, associates or customers
- Make a real business impact
- Networking opportunities
Build a valuable network of your fellow technology peers that will support you throughout your Fidelity career.

Engaging technology, business, and professional skills courses while working on real-life projects - all with company-wide impact.

Personalized mentoring and coaching to support your development and transition into your full-time role.
Data Science & Artificial Intelligence
Predictive Models

Verikas, Antanas; Vaiciukynas, Evaldas; Gelzinis, Adas; Parker, James; Olsson, M. Charlotte. (2016). Electromyographic Patterns during Golf Swing: Activation Sequence Profiling and Prediction of Shot Effectiveness. Sensors. 16. 592
Neural Networks

Natural Language Processing

Ask us

How can I change the beneficiary on my 529 account?

What would you like to do with your 529?
- Take a withdrawal for qualified expense
- Move money between different 529 accounts
- Change ownership of the account

Type your question here...
Advanced Experimental Designs

Group sequential trials that have been used widely in other disease areas for more than 30 years [8] and requiring fewer patients can be completed in a shorter time frame and, if designed and implemented correctly, answer the questions without any loss in statistical validity or scientific integrity. With this accelerated program, it is important to distinguish between “false positive” and “false negative” outcomes of phase 2 trials, and to consider the relative “costs” of each. A false-negative outcome corresponds to a regimen that would be truly effective but shows no benefit in the intermediate outcome analysis and is not taken forward to phase 3. In the absence of other similarly effective regimens, a false-negative outcome is of a high cost to the global tuberculosis community as it is unlikely that the regimen will ever be evaluated. A false-positive outcome corresponds to a regimen that agreed. A major benefit is that standard statistical techniques can be used to compare the control with those regimens that are not eliminated at interim analyses without any need for
Multivariate Time Series Forecasting

And More!!
Presentations
The Expertise You Have

Master’s or PhD
- Data Science
- Statistics
- Computer Science
- Operations Research
- Related Fields

Programming Skills
- Python and/or R
- Data Engineering
- Data Analysis and Modeling
- Relational Databases (SQL)
- Object-Oriented Programming

Machine Learning
- General Linear Models
- Robust and Nonparametric Models
- Decision Trees, Gradient Boosting
- Neural Networks
- Unsupervised Learning
- AI Ethics, Fairness, and Explainable Models

Natural Language Processing
- Named Entity Recognition
- Fuzzy Matching
- Sentiment Analysis
- Knowledge Graph
- Transformer Models
- Chatbots
Learn More and Join our Talent Network!

students.fidelitycareers.com

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