

Stephen M. Lee

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Education

University of Chicago: *Chicago, IL*

- M.B.A Class in Competitive Strategy

Winter 2019

University of Memphis: *Memphis, TN*

- M.S. Computer Science
- M.A. Economics
- B.S. Physics and Mathematics

Winter 2019
2018
2013

Experience

Federal Reserve Bank of Chicago: *Research, Finance Department*

2019 – Current

- In the first month alone, added over 100 contributions to the code base that is responsible for automating the production of charts and tables that inform each FOMC policy round.
- Introduced natural language processing techniques through independent and collaborative research.

University of Memphis: *Teaching Assistant, Computer Science*

2018 – 2019

- Taught and graded 3 sections of Intro to Computer Science Lab using the Java programming language.
- Graded assignments for Algorithms and Models of Computation, and lead review sessions.

BookLocal Travel Solutions: *Co-Founder (passion project)*

2017 – Current

- Designed and implemented a hotel distribution system that utilizes the Ethereum blockchain.
- Authored the first standard for renting assets on a blockchain with ERC-809.
- Currently manage a geographically distributed team of developers to build user interfaces.

University of Memphis: *Research Assistant, Economics*

2016 – 2018

- Provided computational support including model validation, estimation, and graphs. Part of this work was thanked in a paper published in a top economics field journal.
- Prepared and presented lectures in the international MBA economics course.

Fanatics Apparel: *Planner*

2015 – 2016

- Increased production throughput by managing a project to organize over ten thousand untracked garments from the production floor.
- Improved executive visibility by creating new workflows for late and missing shipment tracking.
- Lead communication between buying, management, and production teams.

Professional Golf

2014 – 2015

- Competed weekly in professional minitour events and PGA Tour and Web.com Tour qualifiers.

Skills

Leadership

- *Project Management* Agile methodology; git version control; experience managing distributed teams.
- *Public Speaking* Conference and workshop presentations, with and without PowerPoint.
- *Teaching* Prepare and deliver lectures; individual and group tutoring; constructive feedback.

Data Science

- *Machine Learning* neural networks; decision trees; clustering; recommendation systems.
- *Econometrics* OLS; fixed and random effects; probit/logit; ARMA; GARCH; VAR.
- *NLP* LDA topic models; LSTM neural networks; lexical analysis; multinomial inverse regression.
- *Tools* Python; R; MATLAB; SQL; Java; MS Office; AWS; Google Cloud.