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   **Winter 2019**
- – M.A. Economics   **2018**
- – B.S. Physics and Mathematics   **2013**

Experience

Federal Reserve Bank of Chicago: *Finance Research 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.