Stephen M. Lee

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Education

University of Memphis: *Memphis, TN*
- M.S. Computer Science **May 2020**
- M.A. Economics **2018**
- B.S. Physics and Mathematics **2013**

Experience

Federal Reserve Bank of Chicago: *Research Assistant, Finance* **2019 – Current**
- Provide computational and policy support to the finance team in the research department.

University of Memphis: *Teaching Assistant, Computer Science* **2018 – 2019**
- Teach Intro to Computer Science lab using the Java programming language.
- Grade assignments for Algorithms and Models of Computation, and lead review sessions.

BookLocal Travel Solutions: *Co-Founder (passion project)* **2017 – Current**
- Designed a hotel distribution system that utilizes the Ethereum blockchain.
- Authored the first standard for renting assets on a blockchain with ERC-809.
- Manage a geographically distributed team of developers in building the next generation 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 journal.
- Prepared and presented lectures in the international MBA economics course.

Fanatics Apparel: *Planner* **2015 – 2016**
- Improved production throughput for peak season by managing a project to clean up thousands of untracked garments.
- Increased 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 event qualifiers for the PGA Tour and Web.com Tour, and in the European Tour's season ending qualifying events series.

Skills

Leadership
- *Project Management*.......... Agile methodology; git; prioritize and then execute.
- *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*............... NLP, RNNs; decision trees; unsupervised clustering algorithms.
- *Econometrics* .... fixed and random effects; probit/logit; ARMA; GARCH; VAR.
- *Modeling* .... Financial modeling; forecast planning; causal inference; constrained optimization.
- *Tools* .... Python; R; eViews; STATA; MATLAB; SQL; LaTex; Excel; PowerPoint; AWS; Google Cloud.

Blockchain
- *Smart Contracts*................... Crypto-economic system design; strategy; test driven development.
- *Tools* .... Truffle; Infura; Solidity; Remix IDE; openzeppelin-solidity.