Stephen M. Lee

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(615)944-4486

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Education

University of Memphis: *Memphis, TN*
- **M.S. Computer Science**   **December 2019**
  - o Scholarship: Graduate Assistant
- **M.A. Economics**   **2018**
  - o Scholarship: Graduate Assistant
- **B.S. Physics and Mathematics**   **2013**
  - o Scholarship: Division-1 Men's Golf; Cecil C. Humphreys Presidential

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Experience

Teaching Assistant: *Computer Science*   **2018 – Current**
- Teach several sections of Intro to Computer Science lab using the Java programming language.
- Grade assignments for undergraduate Algorithms and Models of Computation.
- Lead review sessions before tests.

Co-Founder, COO: *BookLocal Travel Solutions (passion project)*   **2017 – Current**
- Designed a hotel distribution and property management system that utilizes the Ethereum blockchain.
- Recorded the first ever reservations made on the Ethereum blockchain at the EthMemphis hackathon and workshops event – an event I co-organized.
- Manage a team of developers in building the next generation BookLocal interfaces.

Research Assistant: *Economics*   **2016 – 2018**
- Prepared and presented lectures in the international MBA economics course.
- Built proprietary datasets for faculty research using webscraping techniques.
- Used various computational methods to validate and graph a complex N-dimensional model that explores optimal firm advertising costs and sales prices when consumers are unable to consider all firms in the market. This paper published in the Journal of Economic Behavior and Organization.

Planner: *Fanatics Apparel*   **2015 – 2016**
- Improved production throughput for peak season by managing a project to clean up untracked garments.
- Increased executive visibility by creating new workflows for late and missing shipment tracking. Lead communication of any issues 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.

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Skills

Leadership
- *Project Management..........* Agile methodology; git; GitHub; prioritize and then execute.
- *Public Speaking ....* Conference and workshop presentations, with and without PowerPoint.
- *Teaching ....* Preparing and delivering lectures; individual and group tutoring; grading and feedback.

Data Science
- *Machine Learning................* RNNs for NLP; decision trees; SVMs; various clustering algorithms.
- *Econometrics ....* fixed and random effects; probit/logit; ARMA; GARCH; VAR.
- *Modeling ....* Financial modeling; forecast planning; causal inference; constrained optimization.
- *Tools ....* Python; AWS; eViews; STATA; R; Java; SQL; LaTex; Excel; PowerPoint.

Blockchain
- *Smart Contracts....................* Crypto-economic system design; Solidity, Javascript/Mocha for test driven development.
- *Tools ....* Truffle; Infura; Solidity; Remix IDE; openzeppelin-solidity.