

# Stephen M. Lee

(615)944-4486  
smlee.981@gmail.com  
github.com/slee981

---

## WORK EXPERIENCE

- Blockchain Consultant:** *Hade Technologies* 2018
- Performed a forensic audit after claims of suspicious trading behavior.
  - Found and reported a vulnerability with several decentralized exchanges, saving millions of dollars in fraud.
- Co-Founder:** *EthMemphis* 2018
- Business focused Ethereum hackathon and workshop event with \$4,000 awarded in prizes.
  - Led the planning and operations from idea through implementation and brought in 3 of our first 4 speakers.
  - Managed website content, design, marketing, and communications.
- Blockchain Consultant:** *Hade Technologies* 2018
- Audited the smart-contracts used in their initial coin offering (ICO).
  - Rewrote and deployed updated token in a three-day turnaround to fix issues found in audit.
  - Created a company GitHub for visibility.
- Research Assistant:** *Economics Department, University of Memphis* 2016-2018
- Computationally solved for and graphed the equilibrium space in a paper that explores optimal advertising and prices under limited consideration sets. Paper forthcoming.
- Planner:** *Fanatics Apparel* 2015-2016
- Informed senior management by sending and maintaining daily sales reports.
  - Reduced waste by working with the COO to reorganize thousands of garments on the production floor.

---

## EDUCATION

- University of Memphis, Memphis, TN**
- **M.S. Computer Science:** *Graduate Assistant* Current
  - **M.A. Economics:** *Graduate Assistant* 2016 - 2018
  - **B.S. Physics and Mathematics:** *Cum Laude* 2013
    - Four-year starter on nationally ranked Division-I golf team.
    - Competed in the 2011 PGA Tour FedEx St. Jude Classic.

---

## TECHNICAL SKILLS

### Data Science and Web Scraping

- Machine learning including neural networks, decision trees, SVMs, and recommendation systems.
- Python including BeautifulSoup, requests, selenium, statsmodels, scikit-learn, and pandas libraries.
- Amazon Web Services (AWS) for cloud computation (EC2) and storage (RDS).
- eViews for timeseries analysis including ARIMA, GARCH, and VAR models, ACF and PACF graphs.
- STATA for panel and cross-sectional data including logit, probit, and fixed effect modeling.

### Ethereum Blockchain

- Solidity for test driven smart-contract development on the Ethereum network including professional experience implementing the openzeppelin-solidity library.
- Javascript and web3.js library for front-end interactions with the Ethereum Virtual Machine (EVM).
- Truffle framework with Infura for development, testing, and deployment to various networks.
- Designed and proposed a standard interface for renting non-fungible assets in ERC809.