

# NATHEN ALAN WAGNER

nathen.alan@gmail.com • Knoxville, TN • 850.687.0122 • [www.nathenwagner.com](http://www.nathenwagner.com) • [LinkedIn](#)

## QUALIFICATIONS

---

Naturally investigative auditor with a strong, interdisciplinary approach to problem-solving. Seeking opportunities to leverage and advance analytics knowledge through the full data science life cycle.

## TECHNICAL SKILLS

---

- Microsoft Excel: pivot tables, macros, and lookups
- Programming languages: SQL, Python, and R
- Relational database and query software: MySQL and SAP Enterprise Resource Planning system
- Business intelligence and visualization tools: SAS, Google Analytics, and Tableau
- Statistical Software: Stata and SPSS

## EDUCATION

---

*University of Central Florida*

B.S. in Economics, Minor in Statistics, GPA: 3.65

May 2011

Summary coursework: Econometrics, Industrial Organization, Mathematical Economics, Nonparametric Statistics, Sample Survey Methods, Strategic Management, Time Series and Forecasting Methods

*University of Tennessee*

B.S. in Mathematics, GPA: 3.21

Expected December 2015

Summary coursework: Abstract Algebra, Combinatorics, Discrete Structures, Linear Algebra, Logic and Proof, Mathematical Statistics, Matrix Theory, Numerical Algorithms, Probability

## PROFESSIONAL EXPERIENCE

---

*Accounting Specialist II*, University of Tennessee

April 2013 – Current

Institute of Agriculture, Office of AgResearch

Audit over 100 weekly travel expense reports for reimbursement to employees organizationally responsible to AgResearch. Provide supervision on repayments to eight academic departments and ten statewide centers. Monitor post-award financial reports and confirm fiscal compliance of externally funded sponsored programs.

Additional projects:

- Compiled US Census and Top 25 US public research university data to measure and track UT Institute of Agriculture's position and advancement in its diversity profile
- Initiated procedure to merge data for FY 2016 salary schedule minimum cost estimates
- Extracted University of Hawaii faculty data from individual curriculum vitae to aid UT Dean of AgResearch University of Hawaii at Manoa Faculty Review

*Accounting Specialist II*, University of Tennessee

July 2012 – April 2013

Center for Literacy, Education, and Employment

Reviewed over 50 travel reimbursement requests daily, answered inquiries to ensure compliance with university accounting standards, and maintained departmental spreadsheet to track payment workflow for travelers.

Additional projects:

- Developed a database of expenditures for Tennessee's Department of Education
- Managed survey data collection and analysis for TNCore State Standards of teachers throughout Tennessee
- Balanced monthly departmental ledgers, including grants in excess of \$5 million

*Research Assistant*, University of Central Florida Economics Department and US DOT

January – August 2011

- Prepared and supervised an interactive, virtual driving system for over 25 experiments
- Collected, cleaned, and organized large datasets for regression analysis and algorithm design
- Collaborated with faculty economists and graduate assistants to develop insights on driver decision-making