Rodney Ndum

upon request | @ rndum@fsu.edu | LinkedIn | GitHub | Research | Tallahassee, Florida

EDUCATION

Florida State University   Tallahassee, Florida
Ph.D. in Business Administration: Finance; **GPA: 3.93/4.00**   *Jul 2019 − May 2024 (Expected)*

University of Florida   Gainesville, Florida
M.B.A. concentration in Strategy;   *Aug 2015 − May 2017*
B.Sc. in Computer Science Engineering; **(honors)**   *Jan 2012 − Dec 2014*

ACADEMIC EXPERIENCE

Florida State University   Tallahassee, Florida
Instructor of Record   *Jan 2022 − Present*
- Taught Financial Modeling in Excel.
- Taught Corporate Finance.
- Teaching Assistant for Undergrad General Corporate Finance with 2000+ students annually.

McKnight Brain Institute   Gainesville, Florida
Research Assistant   *Nov 2013 − Mar 2016*
- Built Machine Learning, Computer Vision applications for tracking rodent gait.
- Built hardware using FTIR technology to capture rodent gait.
- Presented research at largest neuroscience conference in world, SFN.

JOB MARKET PAPER

The Economics of Effective Punishment

Since 2000 the federal government has imposed over $600 billion in penalties and spent over $5 billion in preventing fraud. Yet 87% of firms re-offend, which raises the question, is punishment effective? We analyze the effectiveness of federal monetary sanctions using US courts' five criminal law rationales for punishment: retribution, specific deterrence, general deterrence, incapacitation, and rehabilitation. We show that punishment has the largest effects on retribution and rehabilitation. We measure that a $1,000,000 increase in annual sanctions is associated with 3% decrease in firm value, as measured by Tobin's Q, and a 57% improvement in Li et.al (2020) strong culture , which we use as a proxy for firm culture. We find substantial evidence that punishment effectiveness is aggravated by firm reputation, governance, and political connectedness.

WORKING PAPERS

The Effect of Local Stock Market Participation on Local Housing Prices (with C. Dougal)

The Consequences of Government Funding on Firms

Litigation Risk and Analyst Forecasts: (with Y. Cheng)

RESEARCH IN PROGRESS

Firm Geographic Distribution (with C. Dougal)

Dynamic Cross-sectional Asset Pricing (with C. Goulding)

The Broad Effects of Foreign Directed Investments (with J. Dickinson and K. Wade)

The Broad Effects of the Opiod Crisis

Sports Team Realignment and Corporate Affiliation (with M. Buckwalter-Figueroa)

Litigation Risk and SEO (D. Autore)

MEDIA COVERAGE

FSU Office of Graduate Fellowships: *McKnight Fellowships induction*

Poets and Quants: *Spotlight: MBA Class of 2017*

Teaching

Financial Modeling and Forecasting w/ Computers (Summer 2023) Evaluation 4.86/5.0
Financial Modeling and Forecasting w/ Computers (Summer 2022) Evaluation 4.85/5.0
Problems in Financial Management (Spring 2022) Evaluation 3.76/5.0 **(1st and largest class - 64 students)**

Research Presentations

2021

- **Florida State University** 2nd Year Paper

Academic Service

Vice President: FEDSA The PhD Project, 2022
Research and Media Facilitator The PhD Project, 2021

Awards & Achievements

McKnight Fellowship: 2022 Graduate Student Fellow

Industry Experience

The Jacobsen Austin, Texas
Commodities Research Analyst *2018 − 2019*
- Automated data sourcing saving approximately 20 weekly man hours and improving data accuracy.
- Supported building of weekly marketing report sold to hedge funds.
- Created futures price forecasts for Soybean complex.

Meta Platforms, Inc (Facebook) Austin, Texas
Project Manager IV *2017 − 2018*
- Supported 2 billion Facebook and 800 million Instagram users.
- Worked with engineering to create Machine Learning training sets.
- Queried Big Data systems with Python and SQL to generate insights.

Projects

Aegus Analytics | *GitHub*
- Provides unified source for publicly available data.
- Cleans data for easy joins with common academic data sources.
- Provides data query features to sample data before use.
- Provides data visualization and automated alerts and reporting to track trends.

Academia Python Library | *GitHub*
- Library which modularizes commonly used academic classification such as Fama French industry.
- Promotes reproducibility and reduces human error by providing standardized pre-coded classifications.

Skills

Programming: Python, STATA, SQL, LATEX, VBA, Google Script, DBT, Tableau
Technologies: Git, Arduino, Cloud Computing, VM, VSCode, Apache Spark, Apache Superset, Apache Druid
Platforms: WRDS, Data.Gov, BEA, Zillow, FEC, NETS, HMDA
Languages: English (Native), Spanish (Elementary)

References

Dr. Casey Dougal: Associate Professor Department of Finance, Florida State University, Phone: 850-644-2038, Email: cdougal@business.fsu.edu

Dr. Yingmei Cheng: Professor Department of Finance, Florida State University, Phone: 850-645-7869, Email: ycheng@business.fsu.edu

Dr. William Christiansen: Truist Associate Professor Department of Finance, Florida State University, Phone: 850-644-8202, Email: wchristiansen@business.fsu.edu