

# Tyler Ray Tinker

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<https://www.tytinker.com>

## EDUCATION

Leeds School of Business | University of Colorado Boulder

**Master of Science in Business Analytics, concentration in Cybersecurity**

May 2021

- **GPA: 3.91**
- **Specialized Skills:** Python, Machine Learning Methods, MySQL, R, Tableau, PySpark, Data Science Pipelines
- **Relevant Courses:** Structured and Unstructured Data Analysis/Modeling, Advanced Data Analytics, Security Analytics in Python

Trinity University | San Antonio, TX

**Bachelor of Arts in Economics, concentration in Business**

May 2020

- **Awards:** Elected Student Body President, Chi Delta Tau Service Pin
- **Relevant Courses:** Information Systems Management, Business Economics, Statistics, Political Economics

## WORK EXPERIENCE

**Data Scientist | KeyBank | Denver**

Aug 2021-Present

- Developing machine learning models and leveraging advanced statistics to drive new revenue, automate analytical processes, manage performance, influence strategic initiatives, and forecast commercial banking trends
- Leading internal development of a recommender system which generates leads within commercial middle markets using machine learning methods. Collaborating daily with data engineers and executive stakeholders in a cross-functional Agile environment, and applying business rules derived from relationships with Finance, Risk, Payments, and Lending teams
- Generated net new client segments using k-means clustering to improve relationship understanding and modeling

**Lead Business Analyst | KeyBank | Denver**

May 2021-Aug 2021

- Built a dynamic grader tool which leveraged historical sales lead times to predict revenue and sales volume, identify and manage outliers, and enable performance management and tracking for product advisors and relationship managers
- Enabled drill-down for market leaders through development of an interactive Salesforce-connected Tableau dashboard

**Credit Analyst | Broadway Bank | San Antonio, TX**

May 2019-Aug 2019

- Analyzed financial stability of 30 bank vendors for bankruptcy risk. Crafted 190-page audited risk assessment
- Prevented bank losses by flagging risky vendors in a presentation to CEO, CIO, CTO, CFO, and Commercial Executives
- Created an analytical screening product which imported financial statements and provided a risk profile through the automation of accounting calculations and procurement of useful data visualizations
- Redesigned a decade old internship process in coordination with HR leadership, implementing a progress tracking system and increased accountability measures

**Economics Intern | Bureau of Economic Geology | Austin, TX**

May 2017-Aug 2017

- Tracked advanced statistical and graphical analyses of oil well blocks in the Permian Basin, delivered presentations of regional unemployment, and consolidated information on energy sources throughout Texas and the US
- Evaluated oil well efficiency and energy usage in Texas through multivariate analyses of datasets and density plots
- Crafted interpretable PowerPoints used by partner researchers

## LEADERSHIP ROLES

**Class President | Trinity University Student Government Association (SGA) | San Antonio, TX**

2019-2020

- Proudly advocated for the advancement of Trinity student interests at the Texas Capitol, throughout Texas, and in national press
- Presented the Commencement Address at the 2020 graduation ceremony
- Supervised the fair apportionment of over \$700,000 to 37 student organizations
- Consulted with the University President and Dean to create a more inclusive environment at Trinity and reduce textbook costs

**President | Chi Delta Tau Fraternity | San Antonio TX**

2019-2020

- Launched a philanthropy concert garnering 620 attendees and raised more than \$2000 for a local hospital
- Practiced leadership, organizational skills, and collaboration in a men's service fraternity
- Organized service events such as Habitat for Humanity home building and blood donation drives

## ADDITIONAL INFORMATION

- **Pianist:** 10 years of professional classical piano training. Memorized 15-20 piano pieces per year. 4 years of composition.
- **Rock Climber:** Founded and led the Trinity rock climbing team. Competed, and trained in Austin and San Antonio Texas