

Matthew Senick

linkedin.com/in/matthew-senick | matthewsenick.com | senick.matthew@gmail.com

EXPERIENCE

- 7shifts** Mar 2025 - Present
Analytics Engineer *Saskatoon, SK*
- Collaborated with a team of cross-functional business leaders to strategize product, marketing, and sales tactics for acquiring new business
 - Owned ELT architectural philosophy, data transformation strategy, and the analytics engineering roadmap
 - Drove data pipeline quality initiatives such as data asset tracking, performance monitoring, and improving technical documentation
- 7shifts** Mar 2024 - Mar 2025
Senior Data Analyst *Saskatoon, SK*
- Set best practices within the team for analytical engineering and owned a number of disparate data sources, including Ada, Appcues, dbt Elementary, Google Places, Klaus, Marketo, and Zendesk
 - Owner of A/B test analysis and philosophy within the domain areas of product, marketing, and pricing
 - Developed an open source dbt package to standardize and condense ML preprocessing within dbt pipelines
- 7shifts** Jun 2023 - Mar 2024
Data Analyst *Saskatoon, SK*
- Completely refactored and migrated Stripe dbt analytical engineering layers from Postgres to Snowflake, impacting over \$80 million in customer billing data
 - Drove ML engineering in the deployment of the companies first "within-pipeline" prediction models, including models to predict customer churn, demo data leakage, and sales connection
- University of Saskatchewan** Sep 2022 - Present
Lecturer *Saskatoon, SK*
- 2x Nominated for the Undergraduate Student Society Teaching Excellence Award
 - Achieved a 100% satisfaction rate on "Overall Teaching Effectiveness" during my first semester, with 46% of students rating my teaching effectiveness amongst the top 5% of university instructors
- StandardAero** Jul 2022 - Jun 2023
Business Process Data Scientist *Winnipeg, MB*
- Developed a Monte Carlo simulation that assessed risk distributions for quoting incoming engine contracts frequently exceeding \$2 million – recognized with an intracompany award
 - Developed cross-functional Discrete Event Simulations and dashboards to optimize production engineering metrics, enabling key decision makers to compare the forecasted impact of workflow and labour composition changes
- University of Toronto** Dec 2021 - May 2022
Research Assistant *Toronto, ON*
- Built natural language processing models to quantify amenity preference sentiment amongst labour force actors
- Affinity Credit Union** May - Sep 2020, May - Aug 2021
Development and Database Manager *Saskatoon, SK*
- Led a data analysis project regarding reporting server standards and created reports regarding data usage, leading to the deprecation of around 300 SSRS reports

EDUCATION

- Master of Economics** Aug 2021 - May 2022
University of Toronto *Toronto, ON*
- Double Honours Bachelor in Economics and Computer Science** Sept 2017 - May 2021
University of Saskatchewan *Saskatoon, SK*
- Awards: Lewis C. Gray Prize in Economics, Popoff Scholarship in Economics, Dean's Honour List, University of Saskatchewan Continuing Scholarship, NSERC Undergraduate Research Award, Greystone Entrance Award

SKILLS

Techniques: Machine Learning, Simulation, Econometric Analysis, Counterfactual Analysis, A/B Testing
Languages: SQL, Python, R, JavaScript, Stata, Java, Bash, Julia
Tools: dbt, Snowflake, Census, Postgres, Git, Metabase, Mixpanel, Growthbook, Salesforce, ThoughtSpot, Meltano