Don Lim

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WORK AND RESEARCH EXPERIENCE

Green Brick Partners, Inc. Plano, TX
Senior Financial Systems Analyst, Finance and Operations *Nov 2024 — Present*
- Developing IBM TM1/Planning Analytics TI processes and business rules for financial planning and analysis, incorporating first- and third-party tools (PAW, Excel, FileZilla, Cognos Command Center, Arc, Pulse, TM1py, Git); enhancing processes to allow for daily instead of biannual forecasting cycles
- Managing and restoring Git repository backups for processes and rules, including compiling quarterly reports on change tracking and change management for SOX/ITGC audit controls
- Programmatically creating and manipulating 42 cubes, 88 dimensions, attributes, subsets, control objects, security, applications, and views in IBM TM1/Planning Analytics development, UAT, and production environments using mutlidimensional expressions (MDX), SQL, TurboIntegrator (TI) processes, and TM1 rules
- Extracting, transforming, and loading (ETL) job scrub, P/L, SGM, GL, KPIs, statistical entries, and budget data while automating calculations for actual and forecasted cash flows, KPIs, and milestones for financial models and reporting

Sales and Marketing Analyst, IT *May 2023 — Nov 2024*
- Implemented and tested Salesforce development, UAT, and production environments, including training for 200+ end users (Salesforce CRM, Marketing Cloud, Sales Cloud, Data Loader)
- Created Salesforce standardized and ad hoc reports, dashboards, email templates, workflows, cadences, and flows for sales and marketing leadership
- System admin for ERP and business applications (Constellation NEWSTAR Sales & Enterprise, BuildPro, Calendly, Docusign)

DocuNav Solutions Frisco, TX
Support Engineer *Jun 2022 — May 2023*
- Troubleshot, built, and tested Laserfiche automation Workflow, Quick Fields, and Form processes
- Maintained non-clustered SQL servers (stored procedures, task scheduler, SSL certs, TLS config)
- Configured folder-, document-, and user-level security using admin consoles and active directory
- Administered internal IT support (workstation setups; printer, laptop, and peripherals troubleshooting)

Free Market Institute, Texas Tech University Lubbock, TX
Economic Research Assistant *Aug 2020 — May 2022*

American Institute for Economic Research Great Barrington, MA
EC Harwood Visiting Research Fellow *Dec 2018 — May 2019*

Free Market Institute, Texas Tech University Lubbock, TX
Visiting Research Scholar *Sep 2018 — Dec 2018*

Commonwealth Foundation King of Prussia, PA
Research Fellow *Jan 2017 — May 2017*

Cato Institute Washington, DC
Intern Researcher at the Center for Educational Freedom *Sep 2016 — Dec 2016*

EDUCATION

Texas Tech University, Department of Agricultural and Applied Economics Lubbock, Texas
Master of Science in Agricultural and Applied Economics, GPA: 3.6/4 *May 2022*
- Relevant coursework: Causal Inference, Economic Optimization and Machine Learning, Applied Econometrics I & II, Advanced Production Economics, Mathematical Economics, Advanced Market Analysis, Applied Macroeconomics, Applied Microeconomics I & II
    - R (dplyr, tidyr, stringr, ggplot2), Stata, Matlab, Python, SAS, LaTeX
    - OLS, IV, TWFE, DiD, 2SDiD, RDD, matching (propensity score, kernel, entropy, Mahalanobis distance, KNN), synthetic control, event study, factor and cluster analysis, logit/probit, segmentation

CEVRO Institute, School of Political Studies Prague, Czech Republic
Master of Arts in Political Science, Philosophy, and Economics (PPE) *Jun 2019*
- **Scholarship:** Full Tuition for Excellence

University of Michigan, College of Literature, Science, and the Arts Ann Arbor, MI
Bachelor of Arts in General Studies (Political Science, Philosophy, and History) *Apr 2016*

CERTIFICATIONS AND EXAMS

- PostgreSQL for Everybody Specialization (LDV5VWF4QFUE) Coursera, *May 2024*
    - PostgreSQL, DBeaver, NoSQL, Elasticsearch
- Web Applications for Everybody Specialization (K85V99DMXY4U) Coursera, *Oct 2023*
    - MySQL, PHP, JavaScript, jQuery, JSON, XAMPP
- Applied Data Science with Python Specialization (9E4EZST8HHFE) Coursera, *Aug 2023*
    - Python (regex, numpy, pandas, scikit-learn, matplotlib, seaborn, nltk, networkx), gradient descent, random forest, decision tree, SVC, linear and logistic regression, lasso, KNN, naïve Bayes, clustering
- Django for Everybody Specialization (SVTRKEJV62T6) Coursera, *Jul 2023*
    - Django, SQLite3, HTML5, CSS, JavaScript, Bash
- Passed Probability exam Society of Actuaries, *May 2023*