Tim Nguyen

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EDUCATION

The University of Texas at Austin   January 2025 – May 2026
Master of Science, Data Science

The University of Texas at Dallas   August 2021 – May 2024
Bachelor of Science, Actuarial Science   **GPA 3.71**

CAS Student Central Summer Program   June 2023 – August 2023
- Completed modules on property and casualty actuarial topics including pricing, reserving, and data visualization.

ACTUARIAL EXAMS PASSED

Exam P (Passed – July 2023); Exam FM (Passed – October 2023); Exam FAM (Passed – March 2024).

ACADEMIC EXPERIENCE

Ride-Sharing Data Analysis Project, SQL, *TripleTen Bootcamp*   August 2024 – November 2024
- Analyzed ride-sharing data to identify patterns in passenger preferences and external factors influencing rides.
- Leveraged **SQL** to query and aggregate large datasets across multiple tables, delivering actionable insights on ride frequency, company performance, and the impact of weather conditions.
- Used **INNER JOIN** and **CASE** statements to calculate ride volumes, group companies by performance, and classify weather as "Good" or "Bad," highlighting weather's impact on ride duration, especially during rain and storms.

E-commerce Analytics, Excel, *TripleTen Bootcamp*   August 2024 – November 2024
- Built a conversion funnel using PivotTables to reveal the number of users converting from each stage of the sale to the next, displaying the conversion rate between stages.
- Preprocessed data using filters, PivotTables, and VLOOKUPs to find the first order date for each customer ID and sorted customers into different cohorts based on their first purchase date.
- Designed a new PivotTable to analyze the number of customers still making purchases after their first purchase from each cohort, calculating the retention rate.

PROFESSIONAL EXPERIENCE

BV Air Conditioning & Heating Inc, Dallas, Texas   June 2023 – Current
Office Manager
- Designed an input portal using Excel Visual Basic code to record customer and job data, and to follow up with customers for maintenance services after installation, resulting in a 20% increase in operational efficiency.
- Integrated Housecall Pro, QuickBooks Online and Excel to generate monthly profit and loss reports and estimate the mark-up amount for the pricing process, ensuring a minimum profit margin of 20%.
- Utilized Excel to process employee payroll and track maintenance plans for members, ensuring 100% customer satisfaction and generating passive income from subscriptions to offset losses during slow seasons.

Pinnacle Actuarial Resources Inc, Bloomington IL   Jan 2024 – March 2024
Actuarial Research Assistant (Co-op)
- Collaborated with two actuaries to conduct in-depth research on the emerging trends, advantages, challenges, and growth potential of Embedded Insurance within modern business models.
- Developed and delivered a detailed presentation of research findings to company employees and fellow students, effectively conveying complex concepts to a diverse audience.

ADDITIONAL INFORMATION

Technical Skills: R programming; SQL; SAS; Microsoft Excel; Excel Visual Basic (VBA); Microsoft Access; Tableau.
Other Skills: Critical thinking; Bookkeeping; Problem Solving; Strategic Planning; Communication and Writing; Data Organization; Data Analysis; Financial Analysis; Teamwork; Leadership.