Nicholas Schuster

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EDUCATION

Lehigh University, Bethlehem, PA   **Graduation: May 2025**

Bachelor of Science in Business and Economics   *Major GPA: 3.25*

Majors: Finance & Business Analytics   Minors: Data Science & Computer Science

- Relevant Courses: Data Science for Finance, Probability & Statistics, Business Data Management, Application Development in Business, Business Information Systems, Introduction to Data Science, Statistical Methods

RELEVANT PROJECTS

Financial Market Database Simulation   **November 2023 - December 2023**

- Used Oracle Data Modeler to create an ERD that illustrates the functionality of contemporary financial markets.
- Exported DDL script of ERD to an autonomous Oracle Database and populated tables with relevant information.
- Developed SQL queries to extract meaningful data from the database to aid in real world decision making.

Student Information System, Application Development   **December 2023**

- Used the JavaFX library to create a graphical user interface that allows dynamic interaction of student records.
- Implemented File I/O to streamline data transfer of student data with the help of a comprehensive search engine.

Time Series Analysis of NYC Birth Rates, Data Science   **October 2023**

- Loaded in time series data of births per month in New York City from January 1946 - December 1959 in RStudio.
- Used built-in time series packages to plot data and examine overall trends, seasonal components, and anomalies.
- Broke data into training and test sets to train a linear regression model and assess its accuracy and standard error.

WORK EXPERIENCE

Data Entry Clerk   **June 2023 - August 2023**

Boston Beer Company | Breinigsville, PA

- Issued inventory work orders on a cyclical basis using Microsoft Excel and Visual Basic for Applications (VBA).
- Designed and implemented comprehensive macro-enabled Excel workbooks that streamlined auditing processes.
- Spearheaded inventory cleanup by marking obsolete products and optimizing inventory space within the plant.
- Audited over 50,000 vendor records using a proprietary web-based database management system.

TECHNICAL SKILLS

- **Tools:** Microsoft Office, Oracle, Excel, Access, Visual Studio Code, RStudio, Tableau
- **Programming Languages:** Python, R, SQL, Java, C#, VBA, HTML, CSS, JavaScript
- **Spoken Languages:** English *(native)*, Spanish *(fluent)*

LEADERSHIP EXPERIENCE

Boy Scouts of America | Eagle Scout, Boy Scout Troop 72   **April 2013 - July 2020**

- Conceptualized and led a community project that aided those who are less fortunate in Lehigh County, PA.
- Designed schematics for the project and coordinated all operations with beneficiaries of the county health centers.
- Installed food boxes in community health centers replete with food inventory while leading fundraising efforts.