Danny Lin

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EDUCATION
Expected Graduation: December 2025

University of Pennsylvania   **Philidelphia, Pennsylvania**
Master of Science in Computer Science   GPA: 4.00/4.00

Stony Brook University   **Stony Brook, NY**
Bachelor of Science in Applied Mathematics & Statistics   GPA: 3.65/4.00
Double Major in Business Management (Specialization in Finance & Operations)   *Dean's List*

Relevant Courses: Linear Algebra | Discrete Math | Calculus I - IV | Probability and Statistics | Object-Oriented Design | Data Structure and Algorithms | Financial Mathematics | Information Systems | Data Analysis | Introduction to Computer Science (Python)

SKILLS

Technologies: Python, PySpark, Java, C, C++, SQL, R, HTML, CSS, Javascript, React and Swift
Languages: English (Native), Fuzhou Dialect (Native), Mandarin (Fluent)

PROFESSIONAL EXPERIENCE

AT&T   **Middletown, NJ**
Software Engineer Intern   *June 2024 - Present*
- Developing a generative AI tool for the Optic Fiber Network team using frameworks such as React, Python, and Pandas
- Engineer and implementing automated testing protocols for robotic arms to play chess using Python and ROS
- Building the entire front of the Generative AI Chatbot using Javascript and React including the navigation page and textbox
- Collaborating with cross-functional teams to integrate machine learning algorithms for predictive maintenance in optic fiber networks, utilizing Python and TensorFlow.

Milliman   **Manhattan, NY**
Data Analyst   *June 2022 – June 2023*
- Automated download files through CMS for client production by using Python, resulted in a 35% reduction in the time
- Analyzed the client's database using Spark, coding a seamless pipeline database for optimal operation of parquet files
- Streamlined the generation of monthly User Statistic Reports by 80% and eliminated errors by leveraging VBA and Macros
- Investigated the client interface's database by executing SQL queries and generated a comprehensive Excel report to address client concerns
- Developed and implemented an Extract, Transform, Load (ETL) process to extract data from multiple databases and seamlessly process it through the Milliman pipeline

Sherwin-Williams   **Brooklyn, NY**
Finance and Analytics Intern   *May 2021 – August 2021*
- Developed monthly financial reports for Sherwin-Williams retail stores, which 5 senior stakeholders used
- Recorded and maintained the information of more than 200 customers in a CRM to foster strong relations with consumers
- Achieved a significant 43% increase in sales within the Chinese community by providing Mandarin translation services to customers, effectively communicating the special attributes of the paint product

LEADERSHIP EXPERIENCE

Delta Sigma Pi   **Stony Brook, NY**
Vice President of Finance / Philanthropy Committee Director   *April 2021 – April 2022*
- Donated over $14,500+ through fundraiser events such as Bingo Boards, Onigiri, Succulent Plants & Insomnia Cookie for organizations like Heifer International, UNICEF, Food Bank for NYC, Audre Lorde Project, and NAACP
- Prepared financial statements, including income statements, balance sheets, and cash flow statements, by calculating revenue, expenses, and national dues
- Acted as the Chief Financial Officer for 60 members and maintained a record of financial transactions
- Coordinated and guided a team of 20 individuals, fostering productive discussions and executing fundraising initiatives

PROJECT

Twitter (X) Application | *Tools: Swift*   GitHub
- Utilized application programming interfaces (APIs) to develop an imitation Twitter iOS app, functioning with abilities to log in, load tweets, auto-resize interface, compose, favorite, and retweet tweets.

Flixter Application | *Tools: Swift*   GitHub
- Designed a Flixster app, using custom table and collection view cells that reveal currently airing movies in theaters.

CERTIFICATES

Corporate Finance Institute: Advanced Excel Formulas | Dashboard & Data Visualization | Financial Analysis Fundamental
CodePath: Introduction to Web Development | iOS Development | Technical Interview Preparation