Leon **Tan**

SOFTWARE ENGINEERING · UNIVERSITY OF ST. THOMAS

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Education

University of St. Thomas   *Saint Paul, MN*
M.S. IN SOFTWARE ENGINEERING | ARTIFICIAL INTELLIGENCE | 3.85   *Sep. 2019 - May. 2021*
• Relevant Coursework: Data Structures & Algorithms, DevOps & Cloud Infrastructure.

Hamline University   *Saint. Paul, MN*
MBA | BUSINESS STATISTICS | 3.3   *Sep. 2017 - Aug. 2019*
• 1st Runner-Up for Association for Corporate Growth regional level competition.

University of Minnesota - Twin Cities   *Minneapolis, MN*
B.S. BUSINESS EDUCATION | LEADERSHIP MINOR | 3.75   *Sep. 2014 - Dec. 2016*
• Dean's List Fall 2015, Spring 2016.
• Excelled in intermediate mathematics (Calculus III, Linear Algebra, Differential Equation).

Technical Skills

Programming   Java · Python · HTML/CSS · Javascript · SQL
Analytics   IPython · Tableau · Excel/VBA

Work Experience

Thomson Reuters   *Eagan, MN*
DIGITAL PRICING ANALYST   *Jul. 2019 – May. 2020*
• Analyzed quarterly digital sales report and recommended potential opportunities for database automation team.
• Designed automation VBA scripts to enhance analysis run-time, reduced calculation and pricing errors by 90%.
• Developed strong analytical and financial skills, which helped to anticipate market and company needs.

3M   *Maplewood, MN*
DEVIATED PRICING ANALYST   *Nov. 2018 - Jul. 2019*
• Created VBA automation scripts for ad hoc financial analysis and SQL database to yield report findings.
• Deviated contract pricing and analytical reporting across various internal/external business group.
• Utilized cost estimation systems to document project information and revise project costs to reflect current data.

S&F Corporation   *Woodbury, MN*
PRODUCT SPECIALIST   *Feb. 2017 - Sep. 2017*
• Constructed statistic reports of orders to ease labeling usage of product development.
• Processed order of product specifications with in-house software(Java) to improve product analysis production.
• Researched product's technical specifications and accurately communicated information between departments.

Projects

Sorting Visualizer (HTML/CSS, JAVASCRIPT, NODE.JS, REACT)
• Building React application to visualize sorting algorithms (ongoing project).
Covid-19 Tracker (HTML/CSS, JAVASCRIPT, BOOTSTRAP, NODE.JS)
• Extracting live data using Node.js to trace COVID-19 reports.
Scraping Mars from NASA (HTML/CSS, PYTHON, FLASKAPI, BEAUTIFULSOUP)
• Extracted desired data from NASA website and reorganized it in a single HTML page in an automated way with BeautifulSoup & FlaskAPI.
Skunk Dice Game (1953) (JAVA)
• Designed and developed an interactive multiplayer Skunk Dice Game and improved it by implementing JUnit tests.
Virtual Calculator (JAVA)
• Designed and developed a basic virtual calculator with Java and Java GUI implementation.

Achievements

Association for Corporate Growth (ACG) Cup   *Minneapolis, MN*
FINALIST (RUNNER UP)   *Feb. 2019*
• Recommended potential M&A opportunities to strategic advisors to improve company's liquidity.
• Performed precedent transaction, DCF model, Accretion/Dilution and LBO analyses to derive company's valuation.