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).

Skill sets

Technical Java · Python · HTML/CSS · Javascript (ES6) · Node.js · Express · Git · React/Redux
Database MySQL · MongoDB
Soft skills Critical Thinking · Desire to learn · Teamwork · Problem Solving

Projects

Professional Portfolio (REACT, FRAMER MOTION, REACT ROUTER)
- This portfolio consists of my learning progress and recent projects I did using React.js frameworks such as useEffect, contextAPI, React Router and Framer Motion.

Github Profile Finder (REACT, GITHUB API, FUSION CHART)
- A Github profile made using React.js frameworks and Github API that displays statistics of Github users.

Covid-19 Tracker (HTML/CSS, JAVASCRIPT, BOOTSTRAP, NODE.JS)
- Extracting live data using Node.js to trace daily COVID-19 reports. Front end is made with EJS while Node.js runs the backend.

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.

Work Experience

Thomson Reuters — *Eagan, MN*
DIGITAL PRICING ANALYST — *Jul. 2019 – May. 2020*
- Enhance analysis run-time, reduced calculation and pricing errors by 90% after creation of automation VBA scripts.
- Improved quarterly digital sales report for database automation team by scraping client data using VBA scripts.
- Anticipated product sales by integrating financial algorithm based on clients' financial needs.

3M — *Maplewood, MN*
DEVIATED PRICING ANALYST — *Nov. 2018 - Jul. 2019*
- Reduced financial analysis run-time to yield better report findings from SQL database with automated VBA.
- Deviated contract pricing and analyze reports across various business group through VBA automation.
- Utilized cost estimation systems to revise project costs through VBA scripts.

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.

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.