

# Leon Tan

SOFTWARE ENGINEERING · UNIVERSITY OF ST. THOMAS

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## Education

### University of St. Thomas

M.S. IN SOFTWARE ENGINEERING | ARTIFICIAL INTELLIGENCE | 3.85

- Relevant Coursework: Data Structures & Algorithms, DevOps & Cloud Infrastructure.

Saint Paul, MN

Sep. 2019 - May. 2021

### Hamline University

MBA | BUSINESS STATISTICS | 3.3

- 1st Runner-Up for Association for Corporate Growth regional level competition.

Saint. Paul, MN

Sep. 2017 - Aug. 2019

### University of Minnesota - Twin Cities

B.S. BUSINESS EDUCATION | LEADERSHIP MINOR | 3.75

- Dean's List Fall 2015, Spring 2016.
- Excelled in intermediate mathematics (Calculus III, Linear Algebra, Differential Equation).

Minneapolis, MN

Sep. 2014 - Dec. 2016

## Skill sets

**Technical** Java · Python · HTML/CSS · JavaScript (ES6) · Node.js · Express · REST API · 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 API 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

DIGITAL PRICING ANALYST

Eagan, MN

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

DEVIATED PRICING ANALYST

Maplewood, MN

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

PRODUCT SPECIALIST

Woodbury, MN

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.