

# Leon Tan

SOFTWARE ENGINEERING · UNIVERSITY OF ST. THOMAS

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## EDUCATION

### University of St. Thomas

M.S. IN SOFTWARE ENGINEERING | ARTIFICIAL INTELLIGENCE | 3.79

Saint Paul, MN

Sep. 2019 - May. 2021

- Relevant Courseworks: Data Structures & Algorithms, DevOps & Cloud Infrastructure, Database Management.

### University of Minnesota - Twin Cities

DATA VISUALIZATION AND ANALYTICS BOOTCAMP

Minneapolis, MN

Aug. 2018 - Mar. 2019

- Intense 6-month certification program covering advanced analytics, data visualization, and fundamentals of big data leveraging with the latest technologies (e.g. R, JavaScript, Python, SQL, Tableau).

### University of Minnesota - Twin Cities

B.S. BUSINESS EDUCATION | LEADERSHIP MINOR | 3.75

Minneapolis, MN

Sep. 2014 - Dec. 2016

- Relevant Courseworks: Introduction to C++, Calculus III, Linear Algebra, Differential Equation.

## SKILLS

**Technical Tools** Java · Python · HTML/CSS · JavaScript (ES6) · Node.js · Express · REST API · Git · React · VBA  
**Soft skills** MySQL · MongoDB · JIRA · Agile · Tableau  
Critical Thinking · Desire to learn · Teamwork · Problem Solving

## PROJECTS

### Interactive 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 Statistics (REACT, GITHUB API, FUSION CHART)

- Engineered and developed an app that display statistics of Github users using React.js frameworks and Github API.

### Covid-19 Tracker (HTML/CSS, JAVASCRIPT, BOOTSTRAP, NODE.JS)

- Developed an app that trace and display daily COVID statistics. Front end is made with Javascript and EJS while Node.js and Express runs the backend.

### Skunk Dice Game (1953) (JAVA)

- Developed a dynamic and interactive multiplayer Skunk Dice Game with the implementation of JUnit tests.

### Calculator (JAVA)

- Developed and programmed a dynamic virtual calculator with Java and Java GUI.

## EXPERIENCE

### Thomson Reuters

Eagan, MN

ANALYST

Jul. 2019 – May. 2020

- Created and debugged an automation program that enhanced analysis run-time and pricing errors by 90%.
- Compiled complex data reports and delivered benchmarking/forecasting analysis for senior management.
- Improved quarterly sales report for database automation team by dynamically scraping clients' data with scripting.
- Integrated financial algorithm and tracked monthly reports based on client's financial needs.

3M

Maplewood, MN

ANALYST

Nov. 2018 - Jul. 2019

- Automated report findings from SQL database and reduced financial analysis run-time.
- Deviated contract pricing and analyze reports across various business group through automated scripting.
- Utilized cost estimation systems to revise project and account maintenance.

### 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.