Leon **Tan**

SOFTWARE ENGINEERING · UNIVERSITY OF ST. THOMAS

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SKILLS

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

EDUCATION

University of St. Thomas   *Saint Paul, MN*
M.S. IN SOFTWARE ENGINEERING | ARTIFICIAL INTELLIGENCE | 3.79   *Sep. 2019 - May. 2021*
- Relevant Courseworks: Data Structures & Algorithms, DevOps & Cloud Infrastructure, Database Management.

University of Minnesota - Twin Cities   *Minneapolis, MN*
DATA VISUALIZATION AND ANALYTICS BOOTCAMP   *Aug. 2018 - Mar. 2019*
- Intensive 6-months 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   *Minneapolis, MN*
B.S. BUSINESS EDUCATION | LEADERSHIP MINOR | 3.75   *Sep. 2014 - Dec. 2016*
- Relevant Courseworks: Introduction to C++, Calculus III, Linear Algebra, Differential Equation.

PROJECTS

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.

Recession Estimator (PYTHON, PANDA, MATPLOTLIB, FINANCIAL MODELING)
- Estimate whether student loans and interest rate has any correlation to cause the next recession by pulling financial API data from Quandl.

Skunk Dice Game (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.