

# Leon Tan

SOFTWARE ENGINEERING · CLOUD TECHNOLOGIES ENTHUSIAST

☎ (651) 955-7275 | ✉ leon.tan004@gmail.com | 📷 leontan4 | 🌐 leontan4 | 🏠 Portfolio

## SKILLS

**Technical** Java · JavaScript(ES6) · Python · Node.js · HTML5/CSS3 · Git · React · Hibernate · Spring · Hibernate · SQL · MongoDB · ETL · Express · JUnit · Agile (Scrum) · AWS · JSON · Heroku · Netlify

**Soft skills** Critical Thinking · Communication · Desire to learn · Problem Solving · Teamwork

## EXPERIENCE

### UNFI

#### DATA ENGINEER

*Eden Prairie, MN*

*Oct. 2021 – Present*

- Communicated and partnered with internal stakeholders to construct and build statistical dashboards in Power BI.
- Developed high performance data pipelines to support SQL data integration and improved time efficiency by 90%.
- Designed data infrastructure in Alteryx and Power BI to automate reporting process and improve ETL efficiency.
- Optimized and improved cross functional data extraction by 50% for internal business stakeholders.
- Maintained and test data pipeline architecture to provide easier access to analytics and forecasting team.

### Thomson Reuters

#### DATA ANALYST

*Eagan, MN*

*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 bench-marking/forecasting analysis for senior management.
- Communicated with internal stakeholders to produce an efficient data dashboard through Python and Tableau.
- Improved quarterly sales report for database automation team by dynamically scraping clients' data with scripting.

### 3M

#### FINANCIAL ANALYST

*Maplewood, MN*

*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 groups through automated VBA scripting.
- Utilized cost estimation systems to revise project and account maintenance using Agile framework.

## PROJECTS

### SOFIT

#### ODYSSEY HACKATHON | 1ST PLACE WINNER | TEAM COLLABORATION

*Dec. 2021*

- A mobile application that could modernize network connection between students and employers.
- Created the prototype (based on TikTok) at Odyssey's Virtual Hackathon within 24 hours time frame.
- Applied Figma, AdobeXD and Pitch.com to create the wire frame and mock up.

### GITHUB FINDER

#### PERSONAL PROJECT

*May. 2021*

- GitHub web application that allowed users or employers to better comprehend targeted GitHub user's overall profile.
- Extracted GitHub API data through React.js and Fusion Chart framework for real time syncing of user's statistics.
- Implemented and developed email notification, log in and sign up through OAuth in React.

### COVID-19 TRACKER

#### PERSONAL PROJECT

*Mar. 2021*

- Developed a web application that trace and display daily live COVID-19 statistics; published to Heroku.
- Front-end is made with JavaScript and EJS while Node.js and Express runs the back-end API.

### RECESSION PREDICTOR

#### TEAM COLLABORATION

*Jan. 2019*

- Financial dashboard that educate user why there is a recession and how the economy works (i.e what is inflation?).
- Built and engineered RESTful API, Python, Matplotlib and Scipy framework.

## EDUCATION

### University of St. Thomas

*Saint Paul, MN*

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

*Sep. 2019 - May. 2021*

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

### Trilogy Education (2U)

*Minneapolis, MN*

#### DATA VISUALIZATION AND ANALYTIC BOOTCAMP

*Aug. 2018 - Mar. 2019*

- Relevant Coursework: HTML5/CSS3, Python, JavaScript(ES6), MySQL, MongoDB, Tableau.