

Leon Tan

SOFTWARE ENGINEERING · CLOUD TECHNOLOGIES ENTHUSIAST

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SKILLS

Technical Java · JavaScript(ES6) · Node.js · HTML5/CSS3 · Git Linux · React · Docker · Spring · Hibernate · SQL · MongoDB · ETL · JUnit · Agile (Scrum) · AWS · JSON

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

PROJECTS

SOFIT

ODYSSEY HACKATHON | 1ST PLACE WINNER | TEAM COLLABORATION

Dec. 2021 – Present

- A mobile application that could modernize network connection between students and employers.
- Created the prototype 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 dashboard that allow other 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.
- Front-end is made with JavaScript and EJS while Node.js and Express runs the back-end API.

RECESSION PREDICTOR

TEAM COLLABORATION

Jan. 2019

- A 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.

EXPERIENCE

UNFI

Eden Prairie, MN

DATA ENGINEER

Oct. 2021 – Present

- Design and implemented data pipeline in Alteryx to automate reporting process and improve ETL efficiency.
- Developed high performance data pipelines to support SQL data integration and improved time efficiency by 90%.
- Maintained data pipeline architecture to provide easier access to data analytic and reporting team.

Thomson Reuters

Eagan, MN

DATA 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.

3M

Maplewood, MN

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

University of Minnesota - Twin Cities

Minneapolis, MN

DATA VISUALIZATION AND ANALYTIC BOOTCAMP

Aug. 2018 - Mar. 2019

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

University of Minnesota - Twin Cities

Minneapolis, MN

B.S. BUSINESS EDUCATION | LEADERSHIP MINOR | 3.75

Sep. 2014 - Dec. 2016

- Relevant Coursework: Introduction to C++, Linear Algebra, Differential Equation.