

JASON THANY

jason.thany@outlook.com | (778) 636-4703
github.com/jsonthany | linkedin.com/in/jasonthany | jsonthany.com

EDUCATION

B.S. in Computer Science and Statistics, University of British Columbia - GPA: 3.93 2020 - 2023
BCom. in Finance, University of British Columbia - GPA: 3.72 2012 - 2017

WORK EXPERIENCE

Software Engineer Intern, Trulioo, Vancouver, BC Aug 2021 - Present

- Created data visualization tools and new product identity verification features with 100% test coverage on Trulioo's Developer Portal and currently working on cross-product backend integration as a full-stack engineer
- Ramped up on the following newly learned technologies: AWS, BitBucket, DynamoDB, Postman, TypeScript

Management Consultant, Kearney, Singapore, SG Nov 2018 - Jun 2021

- Led the end-to-end delivery of multiple projects within several teams, which included assigning workstreams, reviewing individual output, and managing external stakeholder communication
 - Delivered presentations to relevant stakeholders & firm executives detailing our project recommendations
 - Conducted market research, customer & stakeholder interviews, client data analysis, and created excel models to identify and evaluate client pain points and to derive our final recommendations
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PERSONAL PROJECTS

Movie Tinder 2021

Tech Stack: JavaScript, React, Express, Firebase, Node, MongoDB | **View Project:** github.com/jsonthany/movie_tinder

- Built a web app that allows users to search movies in a similar interface to Tinder by applying React framework for the frontend, Firebase for user authentication, and Express & MongoDB to manage database requests
- Created a data pipeline and simple movie context-based recommendation system that learns individual users' preferences through generating a dynamic statistical model

NetWorthify (Personal Finance Application) 2021

Tech Stack: Java, Java Swing, JUnit, JSON | **View Project:** github.com/jsonthany/networthify

- Applied object-oriented programming concepts to create a desktop application that records and provides a summary of each user's financial status and trends (i.e., their current net worth, debt, spending habits, etc.)
- Used JUnit to test and validate all edge cases to ensure proper functionality of the application's business logic

Stock Bot 2021

Tech Stack: AIO Gram, IEX Cloud API, PostgreSQL, Python | **View Project:** https://github.com/jsonthany/stock_bot

- Created a Telegram chatbot that provides live updates users' choice of stocks based on their parameter of choice, such as target price and fluctuation rates, and allows queries, such as most and least popular stocks so far
 - Pulled live data pulled from IEX Cloud API and stores user database in PostgreSQL
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TECHNICAL SKILLS

- **Languages** - C, C++, CSS, HTML, Java, JavaScript, TypeScript, Python, R, SQL
- **Tools** - AWS, BitBucket, DynamoDB, Docker, Express, Firebase, Git, Jest, JUnit, Node.js, MongoDB, Postman, PostgreSQL, React, Swing
- **Data Analysis and Tools** - Financial & Statistical Modelling, MATLAB, Tableau, RStudio, Jupyter Notebook