

Kyo Tang

Computer Science Major, 3rd Year
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TECHNICAL SKILLS

Programming Languages: C, C++, Java, PHP, Typescript, Html, Python, JavaScript
Database: SQL, Oracle, Mongdb,
Technologies: CLion, IntelliJ, VisualStudio, Node.js, Git, Express, React, Redux

Personal Projects

Shipment-Tracking Relational Database

Sept-Dec 2018

- Wrote a web application using PHP and Oracle database to allow customer and company to look up information on their shipping status
- Allows customers to look up appropriate rates for a given package
- Allows enterprises to perform data analysis to obtain business intelligence such as which location is most popular and which type of shipping service is most popular

Technologies: *PHP, Oracle*

Domain-Specific Query Engine

Sept – Dec 2017

- Wrote a web application in Typescript to implement a specific EBNF such that queries can be made to inquire about the room and building information at UBC as well as class and grade distribution at UBC.
- UBC building/room data and grade/class data is processed in appropriate format to be loaded for subsequent query access. Grade data uses file reading and room data requires HTML parsing.
- Building a query engine using the given EBNF to ensure only valid query is allowed to be performed and inquired information will be returned.

Technologies: *Type-Script, Node.Js, Html, Junit-Testing*

Wall-Street-Visualiza, Financial Analysis Visualization Tool

- Allow investor to visualize the stock price of all publicly traded companies
- Allow investor to read news on companies they are interested in reading with a date and sentiment filter
- Built using technologies such as meteor, mongodb, react and redux to accomplish the intended effects

Work Experience

Inventory and Financial Analyst, GoldLion Mining Ltd

June 2013 – April 2016

- Reorder necessary equipment parts from China to Ethiopia gypsum powder manufacturing plant to ensure that factory does not experience any downtime
- Analyze cost of good sold and whole sale pricing to generate business intelligence to allow better production planning and staffing.

Education

3rd Year Bachelor of Science, Computer Science Major

Sep 2016 – Present

University of British Columbia, Vancouver, BC

Expected Graduation Time: 2020 May

Bachelor of Arts, Economics Major with Business Minor

Sep 2009 – May 2013

University of British Columbia, Vancouver, BC