

TONY LIU

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SKILLS

- C/C++
- HTML, CSS, JavaScript, *Bootstrap, *Angular, *Node.js (Express.js, Mongoose, etc)
- Oracle SQL, *PostgreSQL, *MongoDB
- Shell Scripting (Linux/Windows)
- Bilingual (Cantonese, and English)
- Microsoft Office Suite proficiency
- Google Suite proficiency

*Currently learning

PROJECTS

MUSIC WEBPAGE, HTML, CSS, JAVASCRIPT, EXPRESS.JS

- Designed a webpage displaying music length, cover art, and song duration
- Designed forms that collect e-mail addresses, and music/artist requests
- Designed an interface that dynamically creates resizes and cards based on how many songs are stored
- Cards dynamically resize when hovered over by cursor, and link to YouTube music videos

PACKAGE DELIVERY SYSTEM, C

- Developed system to calculate shortest path to destination from predetermined routes
- Developed based on Agile software development life cycle principles
- Collaborated with 5 students, managing the project through scrum reports, Jira, and GitHub

PET HOTEL DATABASE, ORACLE SQL DEVELOPER

- Collaborated with 2 students to create a database based on business requirements
- Linked tables based on primary and foreign keys
- Normalized tables to ensure proper database integrity constraints
- Developed based on Agile software development life cycle principles

EDUCATION

2023 – PRESENT

COMPUTER PROGRAMMING AND ANALYSIS – ONTARIO COLLEGE ADVANCED DIPLOMA, SENECA POLYTECHNIC

- GPA of 4.0
- Dean's list every semester

2017 – 2019

BACHELOR OF COMMERCE (HONOURS), UNIVERSITY OF ONTARIO INSTITUTE OF TECHNOLOGY

2013 – 2016

CIVIL ENGINEERING TECHNOLOGY – ONTARIO COLLEGE ADVANCED DIPLOMA,
GEORGE BROWN COLLEGE

EXPERIENCE

SEPT. 2022 – AUG. 2023

COST CONSULTANT, FINNEGAN-MARSHALL

- Developed estimates for High-Rise construction valued at up to \$180 Million
- Managed 3 junior consultants
- Produced 30% more estimates than colleagues on average per month
- Co-ordinated with clients to gather requirements, and reconcile budgets as needed
- Performed takeoffs as per the 50 Divisions of Construction (CSI's MasterFormat) for High-Rise projects
- Implemented updates for estimates as per change orders, and drawing revisions
- Co-ordinated with subcontractors to receive quotes and/or unit rates for estimates

NOV. 2021 – JULY 2022

ESTIMATOR, FIELDGATE CONSTRUCTION MANAGEMENT

- Developed estimates for commercial, retail, and residential projects valued at up to \$80 Million
- Performed takeoffs as per the 50 Divisions of Construction (CSI's MasterFormat) for commercial, retail, and residential projects
- Assisted in development and maintenance of directory of subcontractors and historical pricing database
- Co-ordinated with subcontractors to receive quotes and/or unit rates for estimates

JAN. 2020 – NOV. 2021

JUNIOR ESTIMATOR, CLARK CONSTRUCTION MANAGEMENT

- Assisted in developing estimates for High-Rise construction valued at up to \$300 Million
- Implemented updates for estimates as per change orders, and drawing revisions
- Co-ordinated with subcontractors to receive quotes and/or unit rates for estimates
- Assisted in the preparation of tender submissions
- Performed takeoffs as per the 50 Divisions of Construction (CSI's MasterFormat) for High-Rise projects