TONY **LIU**

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SKILLS

- C/C++, JavaScript, Java, Python
- HTML, CSS, Node.js (Express.js, EJS, etc), JQuery
- Oracle SQL, PostgreSQL, MongoDB
- Shell Scripting (Linux/Windows)

- Bilingual (Cantonese, and English)
- Microsoft Office Suite proficiency
- Google Suite proficiency

PROJECTS

PORTFOLIO, HTML, CSS, JAVASCRIPT, EXPRESS.JS, EJS, NODE.JS, JQUERY, POSTGRESQL
- Designed and deployed personal portfolio to showcase projects using Express.js, EJS, PostgreSQL, and NodeMailer
- Implemented user authentication, client sessions, and AJAX for dynamic data rendering for Wishlist application

PATIENT TRIAGE SYSTEM, C++
- Developed interface for patient admission and registration
- Updates average wait times based on number of patients in queue
- Allows entry and removal of patient information through dynamic arrays
- Allows data input from text files, and output to text files

ANDROID STORE, JAVA
- Products displayed through RecyclerViews
- Product information displayed when selected
- Adapts to various screen sizes for consistent user experience

EDUCATION

2023 – 2024
COMPUTER PROGRAMMING – ONTARIO COLLEGE DIPLOMA, SENECA POLYTECHNIC

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