

KENT K.C. HO

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 github.com/kimcangho  kent-kc-ho-portfolio.webflow.io

Toronto, ON, Canada

Technical Skills

Core Skills: TypeScript, JavaScript, React, TailwindCSS, SASS, CSS, HTML, Node.js, Express.js, SQL, JWT, Git, JIRA
Exposed to: Python, Next.js, Bootstrap, MongoDB, Figma

Projects

CODE - CLIENT **CODE - SERVER**

TypeScript, React, TailwindCSS, Node.js, Express.js, Prisma, PostgreSQL, JWT

05/2023 - 09/2023

- Designed and developed a full-stack web application using TypeScript, React, and Express.js to efficiently manage dragonboat racing teams and craft customized race plans.
- Elevated user experience by leveraging mapping services, drag-and-drop functionality, and data seeding to facilitate demonstrations.
- Collaborated with dragonboat coaches, conducted in-depth research on competitor apps, and harnessed domain knowledge to deeply understand problem space and define project requirements.

Experience

Software Engineering Teaching Assistant (Full-time Contract)

Toronto, ON

BrainStation - HTML, CSS, SASS, JavaScript, React, Node.js, Express.js, Knex.js, MySQL, JWT, JIRA *01/2023 - 04/2023*

- Mentored software engineering students and strengthened understanding of full-stack Single Page Applications (SPAs) through pair programming, technical interviews, and one-on-one support. Achieved cohort graduation rate of 95%.
- Debugged student projects by deep diving into code and provided actionable feedback. Enhanced student technical comprehension, improved code readability and underlined best practices.
- Orchestrated and prioritized group project sprints as scrum master utilizing agile methodologies and JIRA. Resolved internal conflicts by emphasizing transparent communication and cultivating a blameless environment.

Water Operator (Operator-In-Training / I / II)

Vaughan, ON

City of Vaughan - Python, VBA

10/2019 - 07/2022

- Streamlined operational efficiency by overhauling the operator time card system. Built Python scripts to automate retrieval and submission of time cards via SMTP. Resulted in a 15-hour weekly reduction of operator paperwork.
- Refined and maintained internal employee tracking spreadsheets. Implemented VBA macros to update operator status/details and concisely present data. Resulted in a 5-hour weekly reduction of management overhead.
- Innovated and executed a comprehensive quality assurance protocol to rigorously test water sampling stations. Successfully identified and documented the root cause of failure and received recommendation for organizational award.
- Demonstrated exceptional crisis management skills by effectively liaising with city stakeholders and the regional office to address emergency water service disruptions. Ensured timely return to service with a turnover less than 24-hours.

Project Coordinator

Mississauga, ON

Certified Building Systems

07/2016 - 05-2018

- Coordinated entire HVAC retrofit project portfolio under tight deadlines. Expedited construction by staggering schedule sequences and redirecting resources based on priority. Successfully delivered projects individually valued up to \$750,000.
- Directed project team and contractors during crane lifts. Negotiated on-site pivots and quickly adapted to delivery delays and adverse weather conditions. Ensured equipment installation with minimal disruption to residential stakeholders.

Project Associate

Toronto, ON

WSP (formerly Halsall and Associates)

05/2015 - 03-2016

- Performed energy audit for commercial high-rise. Inspected existing plant, reviewed consumption data, monitored building automation system trends and generated analysis report. Yielded annual savings of \$270,000 and 3,200 MWh.
- Documented green building project progress. Researched initiatives, tracked sustainability metrics and flagged non-compliant issues. Enabled property management clients to achieve LEED sustainability framework targets.

Education

University of Waterloo

Waterloo, ON

Honours Bachelors of Applied Science in Mechanical Engineering

09/2010 - 04/2015

BrainStation

Toronto, ON

Diploma - Web Development

09/2022 - 12/2022