

# KENT K.C. Ho

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github.com/kimcangho

Toronto, ON, Canada

## Technical Skills

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**Core Skills:** Javascript, Typescript, React, TailwindCSS, SASS, CSS3, HTML5, Node.js, Express.js, Prisma, MySQL, JWT, Socket.io, Vite, Git

**Exposed to:** Next.js, Vercel, Bootstrap, MongoDB, Python, Ubuntu, Linux Mint, Figma

## Experience

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### Software Engineering Teaching Assistant - BrainStation

Toronto, ON

HTML, CSS, SASS, JavaScript, Node.js, Express.js, MySQL, JWT

01/2023 - 04/2023

- Investigated and debugged student deliverables for course weekly programming sprints, lab assignments, and capstone projects.
- Demonstrated and assessed coding challenges and review sessions to reinforce HTML / CSS / JS / React.js / Node.js / MySQL / Git concepts.
- Directed a cohort of 38 software engineering boot camp students by kicking off projects and clarifying scope requirements.
- Managed cross-collaborative teams during industry hackathons and group projects using JIRA and agile methodology.

### Water Operator

Vaughan, ON

City of Vaughan - Python, VBA

10/2019 - 07/2022

- Streamlined water operations and minimised overhead downtime by creating and refining internal tracking tools using VBA and Python.
- Ensured timely completion of emergency work by locating main breaks and overseeing water infrastructure repairs.

### Project Coordinator

Mississauga, ON

Certified Building Systems

07/2016 - 05/2018

- Coordinated resources for multiple existing building HVAC retrofits and successfully delivered projects valued at up to \$750,000.
- Executed complex and time-sensitive high-rise crane lift operations by managing multiple crews of contractors and operators.

### Project Associate

Toronto, ON

WSP (formerly Halsall and Associates)

07/2016 - 05/2018

- Performed commercial ASHRAE Level 2 energy audit by reviewing utility data, system schematics, and building automation system (BAS) trends to yield annual savings of \$270,000 and 3,200 MWh.
- Conducted water audit for Class A office building by analyzing billing/sub-metering data and consulted stakeholders. Recommended water conservation plan for energy and monetary savings.

## Personal Projects

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### gattaGo - [CODE](#)

Typescript, React, TailwindCSS, Node.js, Express.js, Prisma, MySQL

05/2023 - 09/2023

- Dragonboat racing team builder with dashboard display, athlete management, lineup assignment, and race plan crafting features.

### Squiggled - [CODE](#) - [SITE](#)

JavaScript, React, SASS, Node.js, Express.js, WebSockets

12/2022 - 01/2023

- Peer-to-peer whiteboarding web application allowing users to capture, annotate, send and download screenshots from their device camera.

## Education

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### University of Waterloo

Waterloo, ON

Honours Bachelors of Applied Science in Mechanical Engineering

09/2010 - 04/2015

### Fleming College

Lindsay, ON

Graduate Certificate - Advanced Water Systems Operations and Management

09/2018 - 08/2019

### BrainStation

Toronto, ON

Diploma - Web Development

09/2022 - 12/2022