Keary Chang

Ryerson CS grad with strong programming and development fundamentals. Interests in full stack and algorithms.

✉ kearychang@hotmail.com

📱 647-960-7628

📍 Toronto, Ontario

🌐 kearychang.github.io/

github.com/kearychang

PERSONAL PROJECTS

Adaptive Congestion Control for Network Protocol
- Implemented variable round trip time for packets sent over IoT protocol in ContikiOS
- Simulated network congestion to test performance
- Achieved 50%-90% improved performance in moderate to severely congested networks

Automatic Database Normalizer
- Website that automates database normalization
- User enters functional dependencies as string which is parsed and normal form is returned
- Functional dependencies of normal form will be free of update, deletion and insertion anomalies

Front End UI for Server Logs
- Front end UI for logging software
- User can click to change channels and view logs from each channel
- Responsive display for desktop and mobile

EDUCATION

BSc Computer Science
Ryerson University

2015 – 2018

BSc Biological Chemistry
University of Toronto

CERTIFICATES

Free Code Camp JS Algorithms and Data Structures

Free Camp Front End Development

Free Code Camp APIs and Microservices Projects
Free Code Camp is an online bootcamp for web development. Its curriculum includes algorithms, front end libraries, data visualization and APIs.

PROGRAMMING LANGUAGES

Python   Javascript   Java   C   C++

MATLAB

TECHNICAL SKILLS

Front End
HTML, CSS, less, jQuery, Bootstrap, Semantic

Back End
Heroku, React, Node.js, Express, MySQL, PostgreSQL, GulpJS

Technology
Unix, Shell scripting, Vagrant, Arduino, Raspberry Pi, Git

SOFT SKILLS

Self-motivated and quick learner

Continuous learner

Critical thinker and strong problem solver

Strong in verbal and written communication

Dependable team player