# Jia Liang (Ellison) Chen

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## Summary

Developer keen to leverage experience gained in supporting a wide range of projects within an innovative organization. Excellent ability to work effectively either individually or in a team environment, with a strong flexibility of tasks and job assignments. Proven communication and organization skills, both key to assigning and following up on tasks in any project or team. Creative ideas in problem solving in numerous coding languages.

## Technical Skills

- IT/Software: Windows power user; Excel, PowerPoint, Word; MatLab; Python 3; JavaScript; Javascript with MongoDB, ExpressJS, React, and NodeJS; SQL; Bootstrap;

## Projects

**News Headline Aggregator**: A webpage used to collect news articles from multiple sources alongside economic statistics created collaboratively in a group of three members. Used Materialize, StatCan API, and Search (News) API.
Link: https://honsumal.github.io/news-headline-aggregator/
Repository: https://github.com/Honsumal/news-headline-aggregator

**Weather Forecaster:** A basic webpage used to find a 5-day forecast using the Open Weather Map API and Bootstrap.
Link: https://ellisjlc.github.io/Weather_Forecast/
Repository: https://github.com/EllisJLC/Weather_Forecast

**Pet Adoption Site:** A web application used to display pets for adoption, including options to create user accounts to view pet details.
Link: https://petplace2141.herokuapp.com/
Repository: https://github.com/Favour01216/Adoption-site

## Education

**Full Stack web development certificate at University of Toronto**                                    **Fall 2022**

- Studied in University of Toronto's School of Continuing Studies for Full Stack Flex Development, Full time program in a fast-paced environment.
- Highlighted topics: HTML; CSS; JavaScript; Web, Third Party, and Server-side API's; Node.js; Object Oriented Programming; Express.js; SQL; Object-Relational Mapping; Model-View-Controller mapping; MongoDb; Progressive Web Apps; React; MERN Full Stack Development; MERN states.
- Contributed to three projects organized in groups of 3.

**MERN Stack Bootcamp, Online**                                                                                         **2022**

- Completed MERN stack framework course in Javascript.
- Created Social Media project (Refer to Github page).

**B.Sc. Medical Physics, at Ryerson University, Toronto, Ontario**                    **2015 – 2020**
- Highlighted Specialties: Introductory Programming for Scientists; Linear Algebra; Modern Physics; Mechanics; Computer Science 1; Computational Physics.
- Highlighted projects (collaboration, organization, successful completion): "Alternative imaging methods" for Introduction to Medical Physics and Biophysics; "Physics of the body in outer space and microgravity" for Biophysics.

## Experience

**Office Administrator, at Felix's Swim Schools, Toronto, ON**                    **September 2021 – Present**
- Managed student registration and class scheduling for swimming programs in person, over the phone, and by email.
- Worked with many different mediums at a time during busy periods, keeping up with numerous email and phone requests efficiently and effectively.
- Collaborated with other office administrators to organize schedules throughout multiple locations.

**Featured Math and Sciences Tutor, at No Fuss Tutors, North America**                    **March 2020 – Present**
- Tutored math and sciences for students of varying grades in high school with one to one tutoring meets in person.
- Provided equivalent tutoring online for students who are unable to attend sessions in person.
- Thoroughly explained key concepts to students while intermittently asking questions to evaluate the students' understanding of the topic.
- Kept track of students' progress and learning, imparting constructive feedback to ensure students review the topics covered in each session.

**Freelance Software Programmer, at Berlitz Corporation, Princeton, NJ**          **August 2019 – September 2019**
**& May 2020**
- Analyzed and responded to client's specific needs, following cascade development.
- Created a custom-made chatbot program in JavaScript.
- Participated in regular status update meetings and demos.

**Volunteer, at Mentor's Academy Tutoring, Toronto, ON**                    **January 2019 – Present**
- Working with elementary and high school students teaching math and sciences.
- Provided extensive tutoring with patience and pedagogy on school curriculum concepts, as well as on topics found at higher levels to prepare students for future classes.

**Research Assistant, at Toronto General Hospital (JDMI), Toronto, ON**                    **July 2017 – April 2018**
- Collected and tabulated medical imaging data into Excel spreadsheets, conducting data analyses in Matlab.
- Actively participated in key research discussions, contributing with crucial points which were overlooked in original consideration.
- Managed large quantities of patient data and organized them to optimize analysis.