HUGH ZHOU

FRONT END DEVELOPER

Contact

Cell: **647-939-7610**

Email: **hughzhoutrt@gmail.com**

Location: **Great Toronto Area**

Links

LinkedIn   **Twitter**

GitHub   **Portfolio**

Personal Profile

I am an Electrical Engineer turned Front End Developer. I always approach my work with a positive attitude and I am not afraid of challenges. I am agile, adaptive, and flexible in my approach to work.

I believe my greatest strength is my curiosity and willingness to learn. I'm self-motivated and take ownership of my work, enjoy problem-solving and working and collaborating with a team.

My experience working as an Electrical Engineer and my entrepreneurial spirit gave me the drive to be detailed-oriented in a fast-paced environment while also being user and customer centric.

Professional Skills

- JavaScript(ES6+)
- HTML5
- CSS3
- SASS
- API integrations
- jQuery
- REACT
- Firebase
- Git
- Responsive Design
- Accessibility
- Team-based Development
- Communication
- Complex Problem-Solving
- Flexibility and Adaptability
- Time-management

Projects

Pokemon-Guess-Em-All   **Live**   **Repo**

Accessibility, Responsive Design, React, JavaScript, Firebase, API, HTML, CSS, SASS

Multiple APIs applied. Users are shown random Pokemon shadows and are prompted to guess their names. They also can check the Pokédex, catch the Pokémon and manage their Pokémon teams. Using Firebase, the Pokémon teams are updated in real-time based on the users' verified usernames.

Movie Watch List Application   **Live**   **Repo**

Accessibility, Responsive Design, Vanilla JavaScript, API, HTML, CSS, SASS, Team-based

Multiple APIs applied. Users can request randomly generated movies then save and store them through a drag and drop feature. Buttons allow the user to add or remove movies from their watchlist if they change their minds. Movie details are available in pop-up windows when movie cards are clicked.

Working Experience

Electrical Engineer State Grid Corporation of China (May 2015 - Aug 2017)
- Oversaw all activities at my assigned transformer substation, including renovations, installations, and equipment protection.
- Troubleshot arising issues as well as planned risk mitigation for future issues that might occur (focused on being detailed oriented to avoid accidents and removing and installing older degrading equipment).
- Researched and worked on new substation technologies, published in the journal of the company.

Education

Web Development Juno College of Technology
- **Professional training** (May 2021-Dec 2021). Learned and practiced the skills of frontend development and accumulated experience by building projects.

Engineering Innovation and Entrepreneurship Ryerson University
- **Master Degree** (Sep 2018-Jan 2020). Incubated start-ups from engineering innovations by applying business skills and strategies.

Energy and Sustainability with Electrical Power Engineering University of Southampton
- **Master Degree** (Sep 2013-Nov 2014). Researched renewable energy and electric power system and built projects by MATLAB, PowerWorld, ERACS and COMSOL.