EDWARD CHANG

SOFTWARE ENGINEER

Area
London, Ontario, Canada

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OVERVIEW

Edward is an undergraduate student of the Western University Software Engineering program seeking a co-op position in software development. He has a love for learning in depth in topics he loves which is apparent through his college studies and personal projects.

SKILLS

- React.js
- RESTful API's
- User Experience
- CSS Frameworks
- Logic
- 84 Words Per Minute
- Team Leadership
- Microsoft Office

ACHIEVEMENT

FELLOW OF THE YEAR
Kappa Sigma Fraternity - 2019

Awarded to a brother who displays strong fellowship bonds with other members.

PUBLIC POLICY ESSAY
York University - 2017

Ranked third in Canada for an essay detailed about policy change.

EDUCATION

SOFTWARE ENGINEERING (BACHELOR)
Western University | London, Ontario | 2018-2022

The Software Engineering curriculum deals with components of the software process and technical skills, as well as management skills.

TRAVEL STUDIES (CERTIFICATE)
Fanshawe College | London, Ontario | 2019-2020

The program focuses on fundamentals of travel consulting including customer service, travel business operations, travel systems software, and emerging technology trends.

WORK EXPERIENCE

RESTAURANT HOST
Spirit Ridge Resorts | Osoyoos, British Columbia | 2019

Hosts are responsible for welcoming and creating the first impression for guests. These individuals can influence the overall client experience by their interactions that include providing table accommodations and offering menu recommendations. Hosts may be the final point of contact and can ensure guest satisfaction. As part of a team, adaptability is needed to fill other roles when needed such as banquet server, junior server and market staff.

STUDENT ENGINEER
TubeFab Limited | Mississauga, Ontario | 2018

Create and deliver job orders for both major and minor client. Create daily pack lists for other coworkers to fulfill client orders. Implemented a filing system for completed job orders from the production plant and creating and digitalizing the filing system for auditing purposes.

STORE ASSOCIATE
Uniqlo | Toronto, Ontario | 2017

Ensure the client has a seamless experience by understanding client needs and exceeding client expectations. Maintain the positive brand image wherever possible. Showcase the quality and quantity of the company's assets under time restrictions. Work with colleagues to ensure the client experience is the best.

Github
www.github.com/echang49

Devpost
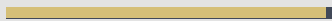www.devpost.com/echang49

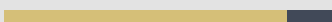**LinkedIn**
edwardchang2000@linkedin.com

Portfolio
www.echang.dev

▶ EXPERTISE
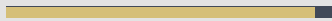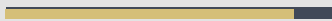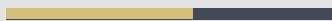
HTML

CSS

JavaScript

Java

Python

MATLAB

▶ LANGUAGE

English
Native Language

French
Intermediate Language

Mandarin
Basic Language

▶ INTEREST

Photography

Gaming

Traveling

Perfumery

▶ PROJECTS

ALGORITHM ANALYSIS

A java algorithm that can perform breadth first searches and depth first searches with a graph. Utilized in this assignment were graphs, hash maps, linked lists, nodes, queues, and stacks.

- Java

HACK WESTERN 2020

Website that used the city of London's open data portal to predict future demographics of the city by neighborhood through linear regression. Data points for the city map was separated through a python script, the linear regression was completed through TensorFlow, a python library. The database for demographics were in the form of csv files. The project used a JavaScript library named leaflet.js to map the neighborhoods on Google Maps.

- HTML, CSS, JavaScript, Python, Leaflet.js, TensorFlow

PARENTAL CONTROLS CHROME EXTENSION

Built as a team, this chrome extension utilizes HTML, CSS and JavaScript to create a fully functional parental control chrome extension. Besides having a clean and easy to use user interface, it also can set and change passwords, track how long you've been online and choose what times to track with the ability to change the tracking times. Practiced remote developing as the rest of the group were based out of Edmonton.

- HTML, CSS, JavaScript

BUDGET BALANCING

Program that grabs the users predicted spending for the year and balances the expenses so that it's feasible. Utilizes modules, promises, higher order functions, errors, nested arrays, loops and objects.

- JavaScript

▶ EXTRACURRICULARS

Kappa Sigma
Pledge Educator
Prepare people to join the fraternity through the four pillars; fellowship, scholarship, leadership, and service.

Engineering in Action
Events Coordinator Lead
Collaborate with other teams to hold fundraisers, design graphics for events, and handle logistics for special events and general meetings.

Western International
Promotional Volunteer
Promotion of event through different mediums. Certified in Accessibility in Service, Safe Campus Community, and WHMIS.

Leadership Education Program
Individual Leader
Learned to be an effective leader through public speaking, communication, and self- management.