ENOCH WONG

SYSTEMS DESIGN ENGINEERING (AI OPTION) | UWATERLOO

LANGUAGES / TOOLS

React | Redux | Angular
MaterialUI | Bootstrap
HTML | CSS | XAML | XML
Typescript | Javascript | Python
C# | .NET | Java | C++
SQL | SQLite | GraphQL
Postgres | MongoDB

Visual Studio | VS Code

Git | Jira | Asana | Sourcetree

Confluence | Jenkins | Postman

ACHIEVEMENTS

- Promoted to managerial position at local business through hard-work and dedication
- Won 'Best Educational Hack' award at UofT Hackathon
- Earned President's
 Scholarship of Distinction
- Former clarinet player for the Ontario Provincial Honour Band
- Completed Gifted/AP program with 96% admission average

INTERESTS

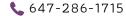
Sports: Hockey, volleyball,
badminton, table tennis, ...

Music: Piano, clarinet, guitar, ...

TV Shows: Suits, White Collar,
Chuck, The Blacklist, ...

CONTACT

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- enochwong.me
- in linkedin.com/in/enwong10
- github.com/enwonq10

WORK EXPERIENCE

Front-End Developer Showfloor

Remote

Sept - Dec 2020

- Designed and developed **key features** for the **start-up product** with **React** and **Redux**, used in a **production** environment
- Integrated Zoom WebSDK to stream webinars onto platform stage
- Engineered and developed a solution for face-to-face video chat
- Implemented optimized search and filter capabilities in the platform

Back-End Developer LocalIntel

Calgary, AB Jan - Apr 2020

- Created **SQLite database** and **C#/.NET backend** to cache client site visits, increased **efficiency** while maintaining analytical requirement
- Implemented machine-learning algorithms to predict future statistical data with high accuracy using Python
- Automated map-generation process to reduce developer time by 4x

Full-Stack Developer NOVX Systems

Toronto, ON

May 2019 - Dec 2019

- Developed a **web application** using **Angular** [HTML, CSS, TS] to be hosted in Walmart [Canada], with a plan to expand globally
- Designed a new XML schema for custom survey templates and a corresponding HTML rendering engine to display surveys online
- Created a separate patient kiosk portal using Angular and through HTTP APIs to allow patients easy access to records
- Introduced a messaging system used by 1000+ patients across 90+ clinics Canada-wide, using SQL database and C# backend

PROJECTS

Space Tours Animation

Aug 2020

- Developed app at a Hackathon to calculate and predict the flight path of a rocket using the Hohmann Transfer Orbit
- Animated the orbit path of planets and flight path

What's For Dinner?

May 2020

- Created **Angular app** to suggest various recipes, dietary information, and instructions depending on available ingredients
- Used a public API to retrieve data and display information to UI

3D Echolocation Simulator

Jul - Aug 2018

- Modeled object tracking with Arduino and ultrasonic sensors
- Graphically displayed object location on-screen based on data received from Arduino and sensors using Processing