

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

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🌐 github.com/enwong10

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**