

# EWHAN HAN

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## EDUCATION

### Western University

London, CA

BESc Software Engineering w/ Distinction and Prof Internship, Cum. Average: 83.9%

Exp. Graduation June 2022

### Western University + Erasmus University Rotterdam

London, CA + Rotterdam, NL

BA Economics, Cum. Average: 71.4%

Graduated 2016

## RELEVANT EXPERIENCE

### IBM Canada

Markham, CA

Software Developer

January 2021 – April 2022

- Engineered and developed enhancements to a Chrome and Firefox extension used by thousands of IBMers to the Salesforce platform
- Utilized knowledge of vanilla JavaScript for DOM manipulation and leveraged Developer Tools to improve performance
- Modernized code to ES6+ to keep code base up to date and improve readability

### IBM Canada

Markham, CA

Technical Support Engineer + Student-on-call

May 2020 – April 2022

- Acted as the single point of contact for IBM Sterling Order Management System (OMS) customers to provide performance, best practice advice, and assessment related to OMS and customer's infrastructure
- Achieved year-to-date (2021) NPS of 100 by regularly communicating progress and resolution while maintaining a high sense of urgency and timely escalation
- Performed proof of concept solution validation and complex issue reproduction while interfacing with engineering, product management, and quality assurance teams (JSON/XML/HAR, API Tester, Postman)
- Contributed to software tools and training/documentation materials to assist our customers in expanding their production monitoring system and knowledge base (NRQL, New Relic, IBM Knowledge Center, Technotes)

## PROJECTS

### Residential Energy Performance Rating System | React, JavaScript, SCSS, Python, SQLite, Docker

GitHub: Private

- Designed and developed a responsive web application that predicted residential home energy efficiency with collaboration from London Hydro
- Implemented responsive and scalable data visualization components with Highcharts and Bootstrap
- Supported code reviews and assessments to ensure all code is up to compliance and quality standards

### Only You Can Prevent Forest Fires! | C#, Unity

Play here: [bit.ly/3avvhcb](https://bit.ly/3avvhcb) ↗

- Delivered a 2D pixel art, survival game, consider trying the game with the link above!
- Leveraged object oriented programming and Unity Tools to create a fun, performant, and cross-platform game

### PlatePal | React, JavaScript, SCSS, Firebase

GitHub: [git.io/JRgkn](https://git.io/JRgkn) ↗

- Developed a mobile-friendly web application to help discover and save new cooking recipes
- Led team of 7 using GitHub Projects and was awarded Best Implementation and Best Mentor
- Created generic reusable components to minimize code duplication

### StudyScape | React, JavaScript, CSS3

GitHub: [bit.ly/3JcnawF](https://bit.ly/3JcnawF) ↗

- Led development of a web application that provides a variety of virtual study spaces and productivity tools
- Awarded Best Courier API Project for best Courier integration
- Collaborated with product and UI/UX designers to develop new front-end features

## TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), HTML5/CSS3/Sass, C#, Java, TypeScript, Python, SQL

**Libraries & Frameworks etc:** React, Redux, jQuery, Node.js, Jest

**Tools & Platforms:** Git + GitHub, Postman/Insomnia, WinSCP + PuTTY, Docker, Jira, Trello, Travis CI

## EXTRACURRICULAR ACTIVITIES, AWARDS, AND INTERESTS

**Leadership:** Women In Tech Society (WITS) Mentor, Western University Sophomore Orientation Leader

**Volunteering:** New Orleans Disaster Relief, London Food Bank, Oakridge Presbyterian Church Sunday School

**Awards:** Best Mentor (WITS, 2021), Best Project Implementation (WITS, 2021), Best Courier API Project (WITS, 2022), Dean's Honour List (Western University, Repeat)

**Interests:** Tennis, Mechanical Keyboards, Dogs @bichon\_rufus ↗