# MATT HUANG

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## EDUCATION

**University of Waterloo / Wilfrid Laurier University** Waterloo, Ontario

*Bachelor of Computer Science / BBA Double Degree Co-op - 4.0 GPA* *9/2021 - 4/2026*

- Relevant Coursework: Calculus, Algebra, Algorithm Design, Adv. Functional Programming

## SKILLS

**Languages:** C++, C#, C, Java, Python, HTML/CSS, SQL (MySQL), JavaScript, Racket, LaTeX
**Frameworks/Libraries:** React.js, Node.js, Knockout.js, Webview2, Google API (OAuth), .NET, DevExpress
**Developer Tools**: Visual Studio Code, Visual Studio, Bash, Eclipse, Git, Bootstrap, JIRA

## EXPERIENCE

**Senstar Corporation** 5/2022 - 8/2022

*Software Developer Intern* *Waterloo, Ontario*

- Upgraded Senstar's embedded browser from Internet Explorer to a **multithreaded .NET** Microsoft Edge **Webview2** framework, cutting loading times by **80%** for **2000+** clients
- Created a customizable **multi-panel browser interface in C#**, with browser layouts being created through client-side **JS** forms and maintained in a **MySQL** database
- Built a crucial foundation for extending **C# dock panel** functionality by revamping architecture to allow dock panels to have **generic compatibility** with displaying any type of panel

**Micro Instruments Inc.** 7/2020 - 9/2020

*Website Developer* *Mississauga, Ontario*

- Developed and designed **5** different web pages on M&I Instruments with Wix and **JavaScript**, registering over **3000** visits, and a **20%** increase in web traffic leading to **$10000** of revenue
- Implemented a customer price quoting form, increasing communication speeds by **30%**

## PROJECTS

**Deadline Scraper** (Github Repo)

- Scraped homework deadlines off class websites with **Node.js** and **Puppeteer**
- Used **Google OAuth** to authorize user Gmail accounts and sent daily automated emails through **SMTP** to remind students of upcoming assignments

**Streamlined Q&A App for Students and Teachers** - "Hack it Better" Hackathon (GitHub Repo)

- Built a platform that allowed students to submit questions via "tickets" and used **Node.js** to design a sorting algorithm that grouped questions based on their tags for easy teacher viewing
- Won **first place** at "Hack it Better"

**Personal Website** (GitHub Repo)

- Built a fully responsive personal website using **React.JS router**, **hooks**, and **HTML/CSS**
- Used **state management** and **CSS media queries** to adapt the website to any screen size

## ACHIEVEMENTS

**Top 25%** in Canada for CCC contest (Senior), coding **algorithms and data structures** in **C++** 2/2021

**Top 10%** among **500** students in the 2021 ECOO programming contest 4/2021