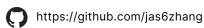








www.linkedin.com/in/j6z



### **SKILLS**

Languages: JavaScript, Python, Java, SQL, VBA, HTML/CSS
Technologies: Git, React, Node.js, TensorFlow, MongoDB, MySQL
Applications: Excel, Figma, Tableau, Power BI, Illustrator, Photoshop

#### **PROJECTS**

# **Decision Support Tool** ✓

- Developed an Excel VBA task management and adaptive scheduling system to automate task delegations in a meeting.
- Directed a team of 4 as the technical lead and applied **Agile methodology**, working in iterative cycles to meet target milestones.
- Conducted user research, gathered client requirements, and assessed existing workflows to design prioritization algorithms.
- Application streamlined client's team meeting efficiency and notably increased on-time completion rates.

# Math Garden

- Engineered a neural network using **TensorFlow** to classify handwritten number digits for an interactive math game.
- Defined operations for performance metrics and pre-processed datasets to train model. Achieved 80% classification accuracy.
- Integrated the model as a JSON file onto a web interface, and dynamically rendered game components using JavaScript.

# Campfire [7]

- Developed a full-stack social media web application where users connect with each other through daily journaling. Included key features such as emoji reactions and personal profiles.
- Designed the UI/UX for application webpages and implemented the design with React.JS and Tailwind CSS.
- Stored and integrated user analytics in the back-end with a SQLite database using Python.
- Established a secure login system by utilizing JWT to authenticate users and bcrypt to encrypt passwords.

# Portfolio Website

- Created a responsive website using HTML, CSS, JavaScript, and Bootstrap to showcase projects and extracurriculars.
- Designed a UI/UX gallery display for iOS and web application prototypes using Figma and Illustrator.

#### **EXPERIENCE**

#### **Director of Public Relations @ Industry 4.0 Design Team**

Sep 2020 - Present

- Organized a data-driven case competition promoting the concepts of optimization, data analytics and operations research to **160+ competitors** across Canada.
- Planned publicity strategies and presented sponsorship pitches to finance team expenses, securing over \$4000 in funds.
- · Leading a web development team as the project manager to renovate the official website.

#### **Chairman @ Oakville Youth Action Committee**

May 2019 - Mar 2020

- Led a 15-member committee to empower the voices of teen across Oakville through the advocacy of youth initiatives.
- Directed mental health wellness events at local high schools and established peer support groups.
- Worked alongside the Culture & Recreation department to curate new drop-in programs. Increased program engagement by 60%.
- · Organized workshops and campaigns with Halton Environmental Network to raise collective awareness on sustainability.

#### Server @ Miga Korean Restaurant

Feb 2019 - Mar 2021

- Coordinated team efforts to deliver quality customer service and quickly adapted to resolve issues in difficult circumstances.
- Appointed as a team lead and was responsible for training new employees in standard operating procedures.

## **EDUCATION**

## **University of Waterloo**

Sep 2020 - Apr 2025

- BASc Candidate for Honours Management Engineering
- GPA: 4.0 (94%) 2/107 Class Rank