

JAMES YANG

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Education

University of Toronto

Sept 2016 - Aug 2021

Honors Bachelor of Science – Computer Science Major

- Courses: Algorithm Design, Data Structures, Web Development, Intro to AI

Skills

Languages: HTML, CSS, JavaScript (ES6), Java, Python, SQL

Technologies: React.js, Node.js, Tailwind CSS, Socket.IO, MySQL, GraphCMS, Git, Regex, Vercel

Projects

WarDex

Nov 2021 – Present

A website that displays information and stats of top competitive players

- Designed responsive web app with modern frameworks: **React**, **Tailwind CSS**, **Chart.js**
- Developed backend API to collect data from submitted Google Forms with the Google API
- Visualized 15 different metrics of player information with various charts
- Compiled 20+ entries of personal submissions from various top players of Wargroove

Wguides

Nov 2021 – Present

A blog-style website that hosts weekly posted guides for Wargroove

- Designed responsive static front-end application coded with **Next.js** and **Tailwind CSS**
- Supported a CMS that allows for a maximum of four content creators to edit in the system
- Utilized GraphQL to manage content and served guides from four different categories
- Recommended as top resource for beginners introduced to the competitive scene of the game

CalcBot

Sept 2021

A bot that processes text inputs to calculate the three values of probabilistic damage

- Structured **Node.js** server to support text chats of two platforms: Discord and Twitch chat
- Developed custom arg-parser to simplify inputs to a minimum of two required parameters
- Deployed in the official Wargroove Discord channel with 9000+ members

Work Experience

Warehouse Support and Analyst

May 2019 – Apr 2020

Board Game Bliss – Toronto, Canada

- Accelerated end-of-day dispatch and fulfillment of an average of 100 daily orders; achieved by allocating tasks between five other associates
- Guaranteed order correctness to 99%; performed appropriate order corrections for customer requests and inventory accuracy

Seasonal Landscaping Worker

Jun 2016 – Aug 2019

Sunvalley Landscaping Ltd. – Toronto, Canada

- Improved flora, grass, and vegetation of five residential locales to customer standards
- Operated as a team of two; troubleshoot any mechanical difficulties with given machinery
- Prepared each location for adapting to forecasted weather at least three days in advance