

STEPHEN WANG

647-970-6481
s936wang@uwaterloo.ca
github.com/ChickanWang
chickanwang.github.io

SKILLS

Languages: Java, Javascript, C, Python, HTML/CSS, C#, Bash, SQL, Racket

Technologies: Git, MongoDB, React, Node, Discord.js, Express, Bootstrap, Material-UI, Puppeteer, Flask, Azure, Django, jQuery, Heroku

WORK EXPERIENCE

Web Developer

Explorer Hop | May 2021 - August 2021

- Sole full-stack developer responsible for refining and revamping Explorer Hop's Balance Game.
- Worked extensively with **Django, JS, jQuery, SQL**, and **HTML** in **PyCharm** to build **30+** client-requested features including achievements, leaderboards, and a trading system between users.
- Refactored both the frontend and backend code with **OOP** principles to increase code reusability.
- Regularly patched numerous bugs and worked closely with QA Engineers to rigorously test any written code.

PROJECTS

BudgetMonkey

github.com/ChickanWang/BudgetMonkey

- **MERN** web app made to help track and categorize your monthly spending, with 40+ active users.
- Frontend was built using **React, Bootstrap**, and **Material-UI**, with 5+ dynamic webpages.
- Backend was built using **Node** and **Express**.
- Data was stored in **MongoDB**, user data was modelled using **Mongoose**, and passwords were secured with **bcryptJS**.

ProfitProphet

github.com/ChickanWang/ProfitProphet

- Web app that uses ML to predict short-term stock prices, submitted to Hack the North 2021.
- Yahoo finance, news comments, **Azure Machine Learning Pipelines**, and **Azure Cognitive Services** were used to train the model with a **60-70% success rate**.
- Frontend and backend were built with **React, Bootstrap**, and **Flask**.

Gimpbot

github.com/ChickanWang/Gimpbot

- Discord bot that plays music and provides users with **League of Legends** information.
- Parses music using **ytdl** and webscrapes updated League info from the Internet with **Puppeteer**.

EDUCATION

UNIVERSITY OF WATERLOO

Bachelor of Computer Science | Sept 2020 - May 2025

3.8 GPA, Cumulative Average: 89%

INTERESTS

Sourdough Baking, Long Runs, Investing in Bitcoin, League of Legends