

STEPHEN WANG

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SKILLS

Languages

Java, C, C#, Javascript, Python, HTML/CSS, and Racket.

Frameworks

Git, MongoDB, React, Node, Discord.js, Express, Bootstrap, Material-UI, Puppeteer, Flask, Azure, and Heroku.

CERTIFICATIONS

Microsoft's Introduction to Programming in Java

- Learn to Program in Java (DEV276x), OOP in Java (DEV277x), Data Structures and Algorithms (DEV285x)

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 Atlas**, user data was modelled using **Mongoose**, and passwords were secured with **bcryptJS**.

ProfitProphet

github.com/ChickanWang/ProfitProphet

- Webapp that uses ML to predict short-term stock prices, submitted to **Hack the North 2021**.
- Yahoo finance data, 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**.

Gimbot

github.com/ChickanWang/Gimbot

- 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**.

Police Chase

bit.ly/3bh8XS2

- Mobile game published to **Google Play Store** maintaining a **5-star rating** since release.
- Designed with **Unity Game Engine** and scripts were written in **C#**,
- Created custom assets for the roads and menu screens using **Adobe Photoshop**.

EDUCATION

Bachelor of Computer Science - University of Waterloo

September 2020 - May 2025

- Awarded **Shad Valley Alumni Entrance Scholarship** and **President's Scholarship of Distinction**.
- Achieved a 4.0 GPA, with a 94.6% cumulative average.

EXPERIENCE

Piano Instructor - Mississauga Piano Studios

September 2018 - August 2019

- Communicated regularly with parents in-person to provide information about children's progress.
- Prepared and gathered materials for weekly lesson plans for 4 students.