

Terry Su

✉ terry.su@uwaterloo.ca ☎ (905) 317-8418 📍 terrysu64.github.io in terry-su 🌐 terrysu64

Skills

Languages: Python, JavaScript, TypeScript, C, HTML, CSS, Sass

Tools/Frameworks: Git, Node.js, Postman, Express.js, React.js, Next.js, React Native, Expo, Firebase, PostgreSQL, MongoDB, Flask, Jest, Tensorflow, PyTorch, Heroku, Netlify, Powershell

Professional Experience

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| <p>03/2022 – 08/2022
Fremont, United States
(Remote)</p> | <p>Software Engineer Intern, Hack+ 🔗</p> <ul style="list-style-type: none">• Built Dash2, a financial management platform for organizations, providing service to 730+ student founders at Hack+.• Created and integrated API routes/endpoints with Express.js, Google Storage, and Next.js to mitigate friction in manual receipt upload transactions.• Wrote DOM unit tests using Jest to assure production-grade code quality. |
| <p>01/2022 – 04/2022
Charlotte, United States
(Remote)</p> | <p>Frontend Developer Intern, Strive2Thrive Edu</p> <ul style="list-style-type: none">• Built and sustained components on the organization website HTML/CSS/JavaScript on the WordPress system.• Worked alongside admin to update the UI/UX, engaging 400+ global volunteers in the relevant programs and objectives. |
| <p>06/2021 – 01/2022
Markham, Canada</p> | <p>Co-Founder, Web Developer, PearPals 🔗</p> <ul style="list-style-type: none">• Facilitated the process of pairing students virtually to promote practical cross-cultural exchanges, fostering a userbase spanning over 5 continents• Migrated services to a functional full-stack website using Bubble.io features and plugins. |

Projects

GoodEats [🔗](#)

- Developed a hybrid platform React Native app using the Expo toolchain that allows users to freely explore and tag restaurant choices from across the world.
- Facilitated backend end-to-end operations using Firebase Authentication and the Firestore database.
- Led a team of peers to migrate mock API calls using the Yelp Fusion API to access real-time data.

The Gamble Bot [🔗](#)

- Utilized Python3 and the Discord.py framework to build a virtual currency that can be traded and wagered by guild users.
- Attached functionalities to a MongoDB cluster database to update relevant guild/user data and sustain 500+ transactions up to date.
- Exposed the application to the Discord community via a Flask server.

SmartBrain [🔗](#)

- Developed an engaging React.js web application that enables users to engage with the Clarifai Face Detection APIs and foster competition against one another.
- Used Express.js/Node.js alongside PostgreSQL to build custom endpoints to accomplish frontend features.
- Deployed the application using Heroku.

Education

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| <p>2022 – 2027
Waterloo, Canada</p> | <p>Bachelor of Software Engineering - BSE, University of Waterloo</p> <ul style="list-style-type: none">• Clubs: Waterloo Aerial Robotics Group (Computer Vision Developer)• Faculty of Mathematics National Scholarship (\$15,000) |
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