

(587) 576-8688  
Waterloo, ON  
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# Joey Wang

 joeywangzr  
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 joeywang.ca

## EDUCATION

### University of Waterloo

Candidate for Computer Engineering Honours, Co-operative Program

Sept 2021 - Present

Waterloo, ON

## SKILL HIGHLIGHTS

Languages	Python, JavaScript, C++, SQL, HTML/CSS
Frameworks/Databases	Bootstrap, Express.js, MongoDB, Node.js, React.js
Developer Tools	Figma, Git, Github Pages, Google Cloud Platform, Heroku, Netlify

## WORK EXPERIENCE

### Software Developer

Jan 2022 — Apr 2022

Open Source Brokers

Calgary, AB

- Developed a full-stack website using React.js, Express.js, MongoDB, and the MemberStack API to manage and display customer accounts and memberships.
- Configured conversion tracking pixels containing standard and custom events to generate conversion funnels with JavaScript, increasing the accuracy of data attribution by 15%.
- Optimized forms to return cookies containing hashed customer data adhering to Meta advanced matching conventions with Google Tag Manager and Node.js.
- Employed backend protocols with the Facebook Business SDK in Python and SQL aggregations to upload and normalize 10+ million customer purchase records to BigQuery.

### Software Developer

May 2021 — Aug 2021

BCharity

Calgary, AB

- Created and hosted an interactive website to display company information with TypeScript, React.js, and HTML/CSS on Netlify.
- Designed, tested, and published UI components to an npm package for version control and increased efficiency over multiple teams using React Storybook and Babel.
- Generated an interactive 3D graphic with DOM events and orbit controls using Three.js to enhance user experience.

## PROJECTS

### Spotify Stats

- Engineered a full-stack web application to display Spotify listening statistics using React.js, and HTML/CSS, authorized using OAuth 2.0.
- Aggregated and stored song metadata and listening history with MongoDB via PyMongo.
- Displayed top songs, artists, and genres accessed from the Spotify Web API using Chart.js.

### Interactive Chatbot

- Utilized OOP and Agile Development to create an interactive chatbot utilizing asyncio in Python for asynchronous programming with the Discord API.
- Produced web-scraped COVID-19 statistics and string matching with Levenshtein distance using the BS4 and FuzzyWuzzy libraries in Python.

### Sizzle

PennApps 2020

- Awarded the Google Cloud Sponsor Award at PennApps XXI.
- Built a mobile app in Android Studio to identify COVID-19 procedures at restaurants with BS4 in Python and the Google Cloud API.

### Covid Classroom

LAHacks 2020

- Constructed a video conferencing platform that transferred text data to reduce lag using Mozilla Web APIs with Node.js, Javascript, and HTML/CSS.

### Integrity

HackMIT 2020

- Produced an exam proctoring website with data models using Chart.js in Javascript to measure academic integrity.

## CERTIFICATIONS

 Meta Certified Marketing Developer

Jan 2022