

Joshua Komonen

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EDUCATION

University of Guelph

Guelph, ON, Canada

Bachelor of Computing, Software Engineering (Co-op)

Sep. 2020 – Apr. 2025

- Maintaining a cumulative 3.7/4.0 GPA (86%)
- Awarded \$3,000 scholarship from the University of Guelph

TECHNICAL SKILLS

Languages: Java, SQL, Python, Javascript, C, HTML5, CSS3, R

Libraries/Frameworks: React, Express, jQuery, Bootstrap, Node.js, Pyramid

Development Tools: Git, GitHub, GitLab, Docker, AWS, Google Cloud Platform, Netlify, Heroku

Databases: MongoDB, PostgreSQL, Firebase

TECHNICAL WORK EXPERIENCE

Full Stack Developer

May. 2022 – Present

TAMVOES Health Inc.

- Collaborating with a team of in-house programmers to design and develop new features with the Python and SQL backend for the tamvoes.com website
- Developing user-oriented visuals using front-end technologies, including React, jQuery, Bootstrap, and Handlebars

Programming Tutor

Jan 2020 – Present

University of Guelph

- Providing in-person and remote instruction to students to help them acquire greater knowledge for weekly assessments
- Assisting in assembling scheduled lesson plans to keep clients organized and on track with their workflow
- Recording academic performance to address areas of improvement

PERSONAL PROJECTS (VIEWABLE AT [HTTPS://JOSHKOMONEN.ML](https://joshkomonen.ml))

Cryptocurrency Portfolio Tracker

Dec. 2021 – Present

<https://github.com/jkomonen/cryptocurrency-portfolio-tracker>

- Created a full stack web app that tracks the purchase date, price, and quantity of user's cryptocurrencies
- Developed using the MERN stack, the application provides CRUD capabilities for each cryptocurrency and its corresponding data
- Became proficient in manipulating database information in addition to creating REST API's that can carry out functions on clusters of data

Discord Moderation Bot

May. 2021 – Present

<https://github.com/jkomonen/Discord-Bot>

- Continuously developing a game and moderation bot for public Discord servers
- Created using Javascript, MongoDB and Discord API, the bot simplifies moderation tasks such as muting, kicking and banning members
- Each user has a profile in the MongoDB database that monitors their currency which can be traded and earned through games such as cee-lo and coin flip

Social Strangers

Jun. 2021 – Jul. 2021

<https://social-strangers.web.app>

- Built and deployed a WhatsApp-like real time web application to talk with strangers through text
- Used Javascript, React, and Firebase to create the chat app and the database has 25+ users, 100+ messages logged, and 5+ banned users
- Implemented a profanity API and Google Authentication to automatically ban users if they use inappropriate language

Animal Image Generator

Dec. 2020 – Jan. 2021

<https://animal-image-generator.netlify.app/>

- Programmed a Javascript application that provides users with random animal images whenever the button is clicked.
- Fetched web scraped JSON data from two external API's to grab the images