

Joshua Komonen

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EDUCATION

University of Guelph

Bachelor of Computing, Software Engineering (Co-op)

Guelph, ON, Canada

Sep. 2020 – Apr. 2025

- Maintaining a cumulative 3.9/4.0 GPA
- Awarded \$3,000 scholarship from the University of Guelph

TECHNICAL SKILLS

Languages: Java, Python, Javascript, Typescript, C, HTML5, CSS3

Frameworks: React.js, Express.js, Node.js, Bootstrap

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

Databases: MongoDB, Firebase

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

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 many 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

To-do List

Jun. 2021 – Jul. 2021

<https://www.tasktracker.ml>

- Created a to-do list to help users keep track of their daily tasks
- Developed using Javascript, HTML, CSS and hosted on Netlify
- Data saved on local storage to save information after a refresh or closed browser

Simpsons Image Selector

Dec. 2020 – Jan. 2021

<https://github.com/jkomonen/Simpsons-Image-Selector>

- Programmed a Google Chrome extension that replaces all images on any website with funny photos from The Simpsons
- Built using Javascript, the Google Chrome extension has been used by more than 10 users

EXTRACURRICULAR

Programming Tutor

Feb 2020 – Present

- 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

Guelph Coding Community

Sep. 2020 – Present

- Continually attending discussions surrounding new technologies and programming projects
- Meeting many software engineers that I attend hackathons and work on group projects with
- Further perfecting my code efficiency through peer evaluation