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

TECHNICAL SKILLS

Languages: Java, Python, Javascript, C, HTML5, CSS3
Frameworks: React, Express, Node.js, Bootstrap
Development Tools: Git, GitHub, GitLab, AWS, Google Cloud Platform, Netlify
Databases: MongoDB, Firebase

PERSONAL PROJECTS (VIEWABLE AT 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

Animal Image Generator   Dec. 2020 – Jan. 2021
https://github.com/jkomonen/animal-image-generator
- 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

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