Joshua Komonen

(647) 225-0101 | joshkomonen@gmail.com | linkedin.com/in/joshuakomonen | github.com/jkomonen | joshkomonen.ml

EDUCATION

University of Guelph   Guelph, ON, Canada
Bachelor of Computing, Software Engineering (Co-op)   *September 2020 – April 2025*
- Maintaining a cumulative 3.7/4.0 GPA (86%)
- Awarded $3,000 scholarship from the University of Guelph

TECHNICAL SKILLS

Languages: Python, Javascript, TypeScript, SQL, Java, C, C++, C#, Objective C, Swift, COBOL, Fortran, Ada, HTML, CSS
Libraries/Frameworks: React, Angular, Vue, Express, jQuery, Bootstrap, Node, jQuery, Pyramid, Django, Flask
Development Tools: Git, GitHub, GitLab, Jira, Confluence, AWS, Docker, CI/CD, GCP, Terraform, Postman
Databases: Oracle, MySQL, Redis, PostgreSQL, MongoDB, SQL, noSQL

TECHNICAL WORK EXPERIENCE

Software Developer Co-op   Septemper 2022 – December 2022
ProNavigator   *Kitchener, ON*
- Designed new features on the Sage app by ProNavigator with a React front-end and Python back end
- Improved results for insurance companies by indexing and delivering relevant documents directly to them

Full Stack Developer Co-op   May 2022 – August 2022
TAMVOES Health Inc.   *Waterloo, ON*
- Used React and JavaScript to develop simple and minimalistic UI designs for the tamvoes.com website
- Created RESTful APIs using Python and SQL to fetch and update clients' healthcare information

Programming Tutor   Jan 2020 – Present
                                                                                       Guelph, ON
- Providing in-person and remote instruction to students to help them acquire greater knowledge for weekly assessments
- 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)

Cryptocurrency Portfolio Tracker   Dec. 2021 – Present
https://cryptocurrency-portfolio-tracker.onrender.com
- 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
- Created using Javascript, React, and Firebase, the database has 25+ users, and 100+ messages logged
- Implemented a profanity API and Google Authentication to automatically ban users if they use inappropriate language