Kaitlyn Gatineau
Software Developer

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TOOLS/TECHNOLOGY

Java (Spring Boot/Android) • Python (Django/Flask) • SQL/RDBMS (SQL Server/Oracle/MySQL) • NoSQL DBMS (MongoDB/Neo4j) • ReactJS/HTML/CSS • PHP • COBOL • Git • Unix Shell Scripting (BASH/VIM) • Containerization (Docker/Kubernetes) • UML • SDLC within an Agile environment

EDUCATION

Algonquin College • *Ottawa, ON*   **May 2020–Aug 2022**
Ontario College Diploma, Honours • *Computer Programming*   GPA 3.9

PROJECTS

Pear – the Discord User Pairing Bot • *Solo Project*   **Aug 2022**
Python Discord bot written to automate any pairing scenario. Enforced code functionality with unit testing covering 100% of the bot function code. Developed documentation covering various SDLC phases of the project. Reduced time spent manually pairing a large sum of users to less than a minute.

Group Six Solitaire • *Group of 5*   **Aug 2022**
ReactJS application. Developed the foundation logic to stack cards from Ace to King by specific suit. Implemented the timer logic within the scoring system. Facilitated and led all live sprint demos to the client and managed each iteration of development for the team.

TwitterLike (backend) • *Solo Project*   **Jul 2022**

Java (Spring Boot) microservice web application deployed via Docker containerization. Connected to GitHub's OAuth2 API for user authorization/authentication. Stores data in JSON format using a MongoDB database.

Android RSS Reader • *Group of 2*   **Dec 2021**
Java (Android) application. Developed logic to fetch RSS data from an XML to the ListView object; wrote code to display items individually as a Fragment when pressed. Utilised Toolbar and NavigationDrawer to allow ease in transition between activities. Implemented a search function to filter RSS items. Connected the project to a SQLite database for users to save individual RSS items.

COMMUNITY

Femmes and Thems in Tech • *Community Manager*   **Jan 2022 – Present**
Manages all platforms of social media. Promotes engagement and maintains a safe space for over one thousand women/nonbinary folk in tech to gather and network globally.

Algonquin College Computer Programming Discord • *Admin/Peer Tutor*   **Dec 2020 – Present**
Leads the moderation team for the server. Maintains order throughout the community and ensures academic integrity is sustained. Tutored individuals from various skill levels this previous semester in Java, Python and SQL.