## **DANIEL LAM**

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## [**LinkedIn**](https://www.linkedin.com/in/lamdaniel1/) **|** [**GitLab**](https://gitlab.com/LamDaniel/)|[**GitHub**](https://github.com/LamDaniel1)

**SUMMARY OF SKILLS AND QUALIFICATIONS**

**Operating Systems │** Windows • Linux (Ubuntu, Debian) • MacOS • iOS • Android

**Programming Languages** |Java • JavaScript • C# • Python • HTML • CSS • SQL • PL/SQL • Bash • Dart • Kotlin

**Frameworks & Platforms** | React • ExpressJS • Flutter • JavaFX • Django • .NET • NodeJS • Heroku • Oracle • MySQL • PostgreSQL • MongoDB • JDBC • Azure • Docker • Firebase • AWS • VMWare • GameMaker Studio • Unity

**Development Tools** |Git • Vim • HomeBrew• MobaXTerm • PuTTY • FileZilla • zsh • Postman • Anaconda • WSL

**Design & IRCs** | Agile • Design Patterns (Builder, Factory, etc) • Notion • Trello • Slack • Microsoft Teams • Skype

**Other│** Microsoft Office 365 (Word, PowerPoint, Excel) • Raspberry PI • Valid Driving Permit

**Languages │** French (Spoken & Written) • English (Spoken & Written) • Cantonese (spoken)

**EDUCATION**

**Bachelor of Engineering – Software Engineering Co-op** **2022- 2027 (Expected)**

*Concordia University, Montreal, QC*

* Member of the Institute for Co-operative Education
* Relevant Courses: Object-Oriented Programming II, Web Programming

**DEC in Computer Science Technology** **2019 - 2022**

*Dawson College, Westmount, QC*

* R Score: 32.7

**WORK EXPERIENCE**

**Software Developer Intern April 2022 – June 2022**

*Categen Inc., Montreal, QC*

* Developed frontend interface of a mobile POS app accurately replicating the Figma designs from the UI/UX team.
* Implemented new screens to Food Delivery System using Flutter widgets (ExpansionPanelList, ListView, etc).
* Collaborated in a team of 6 developers and adapted to new technologies such as Flutter & Dart in a single week.

**Core Competencies:** Communication, Teamwork, Adaptability, Perseverance, Time Management

**PROJECTS**

**DMDB (Dawson Movie Database)** | [GitLab](https://gitlab.com/zhuxiaoj1/rengoku-dmdb) **2022**

* Website inspired from IMDB hosting a Movie Database of over 7,500 movies featuring a clean and easy-to-navigate interface for users who are looking for recommendations.
* Collaborated in a team of 4 developers leading as scrum master and designed project’s architecture diagram.
* Assisted in scraping and validating movie dataset from Kaggle using customized importer class in Java and storing data into a MongoDB database which is further validated through Unit Tests using Jest.
* Developed routes and endpoints using ExpressJS to redirect API calls from NodeJS server.
* Implemented Azure Blob Storage that stores all the movie posters fetched from third party API and only fetches from movies that has not been accessed yet, thus increasing website responsiveness by 90%.
* Deployed website using Heroku and maintaining its service status.

*Technologies used: Java, JavaScript, React, ExpressJS, MongoDB, NodeJS, Heroku, Mantine, Jest*

**RateMyDocumentaries** | [GitLab](https://gitlab.com/LamDaniel/dw-42021-prj-grp3-lam) **2021**

* Full-stack project where users can register an account to share documentaries for others to view and comment.
* Designed frontend layout using tabs for navigation and implemented URL Routing using Django framework.
* Implemented user permissions to submit, edit, delete, and comment on documentaries for logged in users.
* Deployed project using Heroku following Django requirements.

*Technologies used: Python, Django, SQLite*