

Julian Lou

(604) 366 6278
lou.julian96@gmail.com
github.com/jlou96

PROJECTS

insightUBC (TypeScript/JavaScript) — *Powering the many tasks needed to run UBC*

2018, JANUARY - APRIL

- Operated in a group of 2 under Agile methodologies over 5 sprints
- Implemented functionality to allow SQL-esque comparisons and aggregations when querying back-end
- Created a high-coverage test suite of queries and unit tests using Mocha and Chai expectations
- Implemented a front-end UI, enabling querying on back-end JSON data through a RESTful API

sdv (Python) — *A simplified, distributed version control system using a relational DBMS*

2017, OCTOBER - DECEMBER

- Integrated tasks such as creating a branch with front-end UI by creating an application layer connected to a SQLite database
- Designed a login form and overview page with Flask and Jinja2 using sessions to track users
- Reinforced validity of features by creating unit tests with pytest and frequently contributing to code reviews

ShiritoriBot (JavaScript) — *The Japanese word game shiritori, running on Node.js*

2017, DECEMBER - PRESENT (In progress)

- Design a front-end using the Pug template engine and Express
- Create a script to prune a series of JSON dictionary files for relevant data, reducing space by 95%

EXTRACURRICULAR

Global Game Jam (C#) — Vancouver, BC

2016, JANUARY 29-31

- Implemented event-driven behavior such as changes in game state and game object interaction in Unity

EDUCATION

The University of British Columbia — *BSc, Major in Computer Science*

2014, SEPTEMBER - 2018, NOVEMBER

SKILLS

Python, Java, JavaScript, C, Golang
Git, SQL, Flask, Express, Unix/Linux