Ted Lim

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SKILLS

LANGUAGES	Python, JavaScript, TypeScript, Java, C, SQL, PostgreSQL
Frameworks	React, NodeJS, Electron
TOOLS	Git, Docker
CONCEPTS/PATTERNS	SDLC, OOP, Scrum, Data Structure Algorithms

EDUCATION

University of Toronto | Honours BSc Software Engineering   2017 - 2022

EXPERIENCE

Skatescribe | Markham, Ontario   September 2021 - December 2021
- Worked with React, Typescript and Electron framework to create a user friendly frontend application for skate profiling and sharpening
- Followed REST and used web sockets to communicate with the backend server
- Used IPC communication to allow remote start/stopping of docker services through the frontend UI
- Set up endpoints and migrated legacy code for backend Flask Python server

Seequent | Toronto, Ontario   September 2019 - April 2020
- Followed Scrum framework by participating in daily stand-ups and using Jira
- Contributing to fixing bugs in Oasis Montaj software using C and C#
- Developed web framework using Microsoft Azure service in Python working with a senior developer
- Enhanced the testing suite for Oasis Montaj by writing over 40 unit tests in C, C# and Python

PROJECTS

La Room De Discode | React, GraphQL, NodeJS, MongoDB | 🔗⊙   February - April 2021
- Built a collaborative videotelephony editor supported with Google Chrome using MERN stack
- Utilised various frameworks, libraries and tools such as ReactJS, ExpressJS, NodeJS, GraphQL, and MongoDB
- Integrated real-time video and chat communication as well as editor synchronization using PeerJS library for WebRTC and websockets
- Deployed the web application's frontend and backend through Heroku

To Do App | React, Typescript, Python, Flask, Postgres | ⊙   September 2020
- Created a simple to do web application that allows users to create tasks organized in tabs

Web Gallery | HTML, CSS, JavaScript, NodeJS, NeDB, RestAPI   January - February 2021
- Built a web gallery that allows users to browse galleries, upload images, and comment using NodeJS
- Stores salted hashed passwords for user authentication and kept track of sessions via cookies

Pixel-Marcher | Python   May 2019
- Made a pixel marcher program that takes the least energy costing path from the top left corner to bottom right based on a given weight function

UTKASS App | Kotlin, Swift, Google Firebase   July 2020 - December 2020
- Developed iOS and Android mobile announcement and event notifying app to help keep over 30 members of the club connected

EXTRA-CURRICULAR EXPERIENCE

UofT Korean Academic Students of Scarborough (UTKASS)   January 2019 - December 2020
IT Vice-President
- Organized and planned IT projects and social events with other executive members for club members
- Led two other members in the IT team to successfully organize and plan events and projects