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Victor Cho

Software Engineer

GitHub: 22victoryy
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EDUCATION

University of Toronto, St George
BSc. Cognitive Science, Minors in Statistics, Linguistics

SEP 2017 - JUL 2021
Track - Computational Cognition

EMPLOYMENT

Junior Developer / Support
Stingray Business - Permanent Full-Time

AUG 2021 — Present
Toronto, ON

- Maintaining back-end code for digital billboards and signs
- Implemented PowerShell scripts to constantly query various REST APIs and update data in AWS S3 buckets
- Wrote PowerShell scripts to provision new computers to handle to-be-published content
- On-call monitoring of new clientele screen installations and real-time troubleshooting
- Providing ongoing level 1 & 2 front-line support for device troubleshooting in English and French

Software Developer Intern
Stingray Business - Part-time Internship

AUG 2020 — JUL 2021
Toronto, ON

- Developed the server side of player managing systems – REVIEW TOMORROW TODO
- Implemented code to improve real-time updates to data in AWS S3 buckets by 50%.
- Wrote PowerShell scripts to automate manual installations processes, which sped up provisioning time by 70

Software Developer Intern
Stingray Business - Full-Time Internship

JUN 2020 — AUG 2020
Toronto, ON

- Developed, maintained and optimised back-end code for managing data used by a fleet of remote machines.
- Implement and improve front-end HTML JavaScript content used to display different media clip layouts on physical displays.
- Provided level 1 support for deployed remote devices in English and French

Full-Stack Developer / Support Intern
Novrmedia - Internship

MAY 2019 — AUG 2019
Toronto, ON

- Designed clean, sleek websites for clients in vanilla JavaScript and HTML.
- Implemented back-end scripts for automating data uploads and updates to AWS S3 buckets.
- Wrote Javascript code to query RESP APIs and Aggregate data into dockerised instances of Apache CouchDB

PROJECTS

Android Game - github.com/22victoryy/android-game

FEB 2020 — APR 2020

- Jointly developed within a team of 4, built multiple app layers from authentication to actual game-play with Java Android Studio.
- Focused on user authentication - leveraged Firebase to register and log user information
- Implemented various components of three minigames within the main android game.

Weather-Extension - github.com/22victoryy/weather-extension

OCT 2019 — DEC 2019

- Built a Chrome extension using HTML/CSS/JS - displays the current weather information as a small popup upon clicking on the icon.
- Focused on using the DarkSky REST API to fetch the correct weather information
- On the front-end, used SkyCons library to display dynamic icons with different effects.

Integrex - github.com/22victoryy/integrex

JAN 2019 — APR 2019

- Built a Java desktop app for calculating integrals.
- Developed the app's GUI using the Java.SWING library
- Implemented integral evaluation based on user input and the Apache Commons Univariate library

SKILLS

Languages
Tools

Powershell, Javascript, Python, \LaTeX , Markdown
Git, Amazon S3, Docker, R, PostgreSQL, NoSQL DBs