David Zhou

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EDUCATION

University of Toronto   Toronto, Ontario
Bachelor of Science in Computer Science, St. George Campus   *Sept. 2021 – Present*
- Arts & Science Co-op Program (ASIP)

EXPERIENCE

Focus Coach Developer   September 2023 – December 2023
University of Toronto   *Toronto, Ontario*
- Worked in a team of 7 with an industry partner to develop a mobile app to be deployed on the Play Store
- Part of the frontend team that used React Native, and the deployment team

Recognized Study Group Leader   September 2021 – January 2022
University of Toronto   *Toronto, Ontario*
- Organized and led weekly meetings in a group of 4 to discuss notes and facilitate learning
- Participated in tutorials and office hours as a group, aggregated and summarized class notes

Receptionist   November 2018 – November 2019
Ware Academy of Music   *Toronto, Ontario*
- Handled tuition payments and received business inquiries using MS Excel and other MS Office tools
- Scheduled private music lessons, graded music homework, and maintain upkeep of equipment
- Provided technical support for business hardware, data management, and payment processing

PROJECTS

PetPal | *React, Django*   September 2023 - December 2023
- Collaboratively worked on codebase in a team of 4 to create a pet adoption website
- Used React frontend framework to achieve dynamic and responsive user experience
- Incorporated Django backend to store user and shelter account data in a live sqlite3 server

Starlight Wishes | *Java*   October 2022 - December 2022
- Collaboratively worked on codebase in a team of 4 to create a pet adoption website
- Used React frontend framework to achieve dynamic and responsive user experience
- Incorporated Django backend to store user and shelter account data in a live sqlite3 server

Expedia User Search Pattern Study | *R*   March 2022 – April 2022
- Performed a study on the data of real Expedia users with the goal to improve the Expedia search algorithm.
- Worked in a small group and utilized multiple statistical methods in R
- Presented findings in a presentation to Expedia collaborators

COVID-19 Government Stringency Index | *Python*   October 2021 – November 2021
- Collaborated with 3 others to develop a Python app that visualizes COVID-19 infections data over time
- Aggregated all public policies from governments around to world and compared them to their spikes in infections
- GUI developed using Tkinter and data visualized with Matplotlib

TECHNICAL SKILLS

Languages: Java, Python, C/C++, HTML, CSS, JavaScript, R, SQL
Frameworks: React, React Native, Django
Developer Tools: Linux, Git, GitHub, Visual Studio, PyCharm, IntelliJ, RStudio
Relevant Courses: Data Structures and Analysis, Programming on the Web, Software Design, Software Tools and Systems Programming, Introduction to Databases
Certifications: React - The Complete Guide on Udemy by M. Schwarzmüller, IBM Supervised Machine Learning: Regression on Coursera, IBM Exploratory Data Analysis for Machine Learning on Coursera, French Immersion Certificate, Bronze Cross Certificate in basic First Aid & CPR