

Benjamin Zhuo

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ENTRY-LEVEL SOFTWARE ENGINEER

- ❖ **Dean's List Scholar at the University of Toronto BS in Computer Science program (Third Year).**
- ❖ **Knowledge of object-oriented programming and web development tools** with knowledge in Java, Python, React
- ❖ **Known as a self-starter**, team player and multitasker--strive to consistently exceed expectations.

Education

University of Toronto — Toronto, ON

Bachelor of Science, Major in Computer Science and Statistics ❖ Currently Enrolled ❖ GPA: 3.60/4.0

- ❖ **Course Highlights:** Data Structures and Algorithms, Software Tools and System Programming, Software Design

Technology Summary

- ❖ **Programming/Languages:** Python, Java, Node, React
- ❖ **Experience in** R, DialogFlow, Android Studio

Projects

- ❖ **Sudoku Solver with GUI - 2019**
 - Used **Pygame** to build a Sudoku solving algorithm with a GUI.
 - Two modes: Play yourself or have the program solve for you.
 - Implemented backtracking algorithm to solve Sudoku puzzles.
- ❖ **Discord Weather Bot - 2020**
 - Discord bot that provides weather information based on location.
 - Using **OpenWeatherMap** API and **Discord** API written in **Node.js**.
 - Bot is deployed on **Heroku**.
- ❖ **DialogFlow Chatbot - 2020:**
 - Worked with Ontario Council of Agencies Serving Immigrants (OCASI) to build a chatbot that can answer frequently asked user questions.
 - OCASI has a chat forum with many user questions already answered, which is why our Chatbot helps users find those forums.
 - Used **DialogFlow** to build our Chatbot, **Node.js** for webhooks, **Github Actions** for CI/CD, and the Chatbot is deployed on **Heroku**.

Work Experience

- ❖ **Sales Associate/ Warehouse Associate – Hudson Group @ YVR Airport:** July 2017 – September 2018
 - As a sales associate, I answered customer questions and advised customers on sales.
 - Focused on customer needs, upsold higher value items whenever possible.
 - Regularly met sales goals and daily budgets.
 - As a warehouse associate, I received shipments and stored goods in the warehouse.
 - Completed daily operations in a team-oriented environment.