

SHAUN BAUTISTA

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EDUCATION

York University

Sep. 2021 – Apr. 2026

Bachelor of Engineering, Specialized Honours in Software Engineering (Big Data)

Toronto, ON

- **Courses:** OOP, Data Structures and Algorithms, Software Development, **GPA: 3.8 / 4.0**

Udemy

- **Courses:** Python Bootcamp, Machine Learning, Cloud Computing (AWS), Web Development

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, CSS/HTML, React, Node, SQL, Bash, Assembly, Verilog, MATLAB

Developer Tools: Git, MySQL, VS Code, AWS, Linux

PROJECTS @ <https://shaunb1.github.io/>

Recipe and Ingredient Management App (RIMA)

Database for Recipes – Java, Swing, MySQL

- Developed a database that contains recipes, its ingredients, steps, and nutritional information.
- Implemented a GUI that allows the user to store recipes, search recipes and schedule recipes for the day.

2D Adventure Game

Adventure RPG – Java, Swing

- Developed an RPG that allows the user to explore the map, interact with objects, enemies and NPCs.
- Implemented obstacle collision, sprite animation, camera movement, object interaction, game loop.

United States Geography Trivia

Trivia Application – Python, Pandas, Turtle

- Developed a trivia application that prompts the user to name a state and plots the name on the interface.
- Utilizes Pandas to interpret .csv files allow the app to search for each state's relative coordinates. The application interface is created using Turtle.

Autonomous Cookie Clicker Bot

Internet Bot – Python, Selenium

- Developed a bot to perform automated clicks and upgrades on Cookie Clicker.
- Using Selenium, it obtains elements on the webpage's DOM and activates the elements to perform tasks.

ChatGPT-Integrated Discord Bot

Discord Bot – Python, Selenium

- Utilizes the ChatGPT API to output a response or display an image using the DALL-E model.
- The bot can change from the GPT-3.5 model to the GPT-4 model and can switch personas to provide additional entertainment value to its user.

EXTRACURRICULAR ACTIVITIES

Global Hack Week: Open-Source Week

Oct 16 – Oct 23, 2023

- Contributed in open-source documentation and attended workshops related to machine learning and web development.

yuHacks

Feb 18 – Feb 19, 2022

- Collaborated on a business proposal regarding solutions that address one of the Canadian Grand Engineering Challenges.

SOFT SKILLS

Observation · Planning · Problem Solving · Collaboration · Communication · Active Learning · Adaptability
Innovation · Mentoring · Creativity · Organization · Leadership · Responsibility · Analysis