

BONNIE PENG

Computer Science Student

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PROJECTS

Safe At School - IgnitionHacks Winner

Tools: HTML, CSS, JavaScript, Bootstrap, Webspeech API

- Developed an interactive web-based game to educate children on proper safety precautions during the COVID-19 pandemic.
- Implemented 10 instances of life-like speech synthesis, using the WebSpeech API, to read aloud the game's questions for children with difficulty reading.
- Used Adobe Photoshop to design 11 unique backgrounds.
- Winner for Best Presentation for IgnitionHacks, 2020.

GooseAttack - Discord Bot

Tools: Python, Discord API, UptimeRobot

- Conceptualized and developed a Discord bot that induces appropriate responses on command. Responses include texts, user mentions and embedded files.
- Applied functions from the Discord API to construct specific bot events.

Personal Website - www.bonniepeng.com

Tools: HTML, CSS, JavaScript

My online portfolio, made with love.

EXTRA CURRICULARS

Website Designer

UW Women in Healthcare

October 2020 – Ongoing University of Waterloo

- Designed and maintained the website for the University of Waterloo's Women in Healthcare Club.
- Ensured all club information is accurately and appealingly displayed.

International Student Ambassador

Nova Scotia International Student Program

August 2019 – July 2020 Halifax, Nova Scotia

- Openly communicated with school administration and international students to organize weekly activities.
- Supported students through conflicts such as culture shock, loneliness and homesickness and referred them to proper resources when needed.
- Encouraged participation and led all students through events.
- Effectively collaborated with neighbouring schools to host large-scale activities.
- Managed monthly budgets and met all financial deadlines.

"What we learn with passion we never forget."

SKILLS

Python HTML CSS Java
C++ DrRacket

Hard-working Self-managing
Motivator & Leader Communication

ACHIEVEMENTS

* **Computer Programming Subject Award**
Awarded for academic excellence in Computer Programming 12.

* **Concours d'Art Oratoire**
Silver Medal in Canada's national French public speaking contest.

* **Gauss Math Contest - Distinction**
Certificate of Distinction in the Waterloo Gauss Math Contest.

LANGUAGES

English ● ● ● ● ●

French ● ● ● ● ●

Chinese ● ● ● ● ●

EDUCATION

B.Sc. Computer Science

University of Waterloo

Sept 2020 – April 2024