

Jan Garong

<https://jangarong.netlify.app/>

Email: jan.garong@mail.utoronto.ca

Mobile: (613) 581-2267

PROGRAMMING SKILLS

- **Languages & Technologies:** Java, Python, Typescript, JavaScript, Solidity, PostgreSQL, Firebase, MongoDB, git, git flow, Agile

EXPERIENCE

- **dApp Technology Inc.** Toronto, ON
Blockchain Full Stack Developer May 2021 - Present
 - Developed smart contracts on Ethereum and the Binance Smart Chain which includes ERC20s and Decentralized Autonomous Organizations with the Solidity programming language.
 - Worked on creating user interfaces with React.js, Next.js and Material-UI.
 - Created backend applications using Firebase and Nest.js with Typescript and Javascript.
 - Worked with a variety of databases such as MongoDB, redis and Firebase.

EDUCATION

- **University of Toronto** Toronto, ON
Specialist Program in Computer Science (Co-operative) September 2019 – Present
 - 3.46 / 4.0 cGPA
 - Plan on graduating in Fall 2024.

PROJECTS

- **Baobab** May 2021 – August 2021
 - Developed a social media education platform in a Software Engineering course.
 - Used databases such as MongoDB and redis, backend with nest.js and frontend with next.js.
 - Aided teammates with both the user interface and creating backend API endpoints.
 - Followed standard agile practices with git flow, standups, and a task manager board (Jira).
 - Received a high grade on the project as well as maintained constant velocity throughout the sprints.
- **Convention Manager** October 2020 – December 2020
 - Designed a Convention Manager using Java in a Software Design course to allow users to sign up for events.
 - Applied SOLID principles and various design patterns such as Builder and Factory.
 - Organized and led teammates through weekly Zoom meetings, and formed a recognized study group for the project.
- **GRR-Pi** April 2019 – June 2019
 - Created a Raspberry Pi robot that creates maps and stores information about its surroundings.
 - Programmed the hardware using Python, and used the wxPython library to write the user interface.
 - Received a Computer Science award for this project and other works done in the course.
- **Amateur Hour - Using Headlines to Predict Stocks** October 2018 – January 2019
 - Analyzed news headlines data in order to develop a program that would predict stock movements.
 - Used Pandas and Matplotlib to visualize the data, and used Sklearn to create headline features.
 - Published Jupyter Notebook on Kaggle and recieved 180 forks from other competitors.

VOLUNTEER EXPERIENCE

- **Holy Trinity Catholic High School** Ottawa, ON
Computer Science Tutor April 2019
 - Taught high school students basic programming concepts in Visual Basic and ActionScript.
 - Held sessions which involved reviewing the student's code, and going over concepts that would help fix their code.
 - Wrote example code to help the students gain a better understanding of concepts in ActionScript such as object movement, buttons, etc.