31 Cobblestone Dr.
North York, M2J 2X6

TIMOTHY WANG

(416) 833-3886
timothy.art@gmail.com

EXPERIENCE

Software Developer, Executive	**610 Crescent Coyotes**	**Fall 2018 - Present**

Scouting App
- Led the development of team scouting app to collect and display robot data and analytics.
- Developed multiple features of team scouting app for reporting and visually displaying robot analytics.
- Used React framework for frontend development and Google Firebase to send and receive robot data

Physician assistant, Intern	**Family Care Medical Centre**	**Summer 2018**

- Organized over 200 patient files
- Communicated and relayed referrals to other medical institutions
- Organization, communication, and attention to detail

Outreach Volunteer	**Vela Private School, South Africa**	**Spring 2019**

- Developed and organized literacy program for 2nd graders in South Africa
- Led, taught, and helped 2nd graders learn English

EDUCATION

Toronto, ON	**Crescent School**	**September 2017 – June 2021**

- Pending OSSD, June 2021. GPA: 4.0
- Advanced Placement Courses: Statistics, Computer Science
- Clubs and Extra-Curriculars: Math Club, Computer Science Club, Student Technology Assistants Council, Robotics Team, Outreach Council

TECHNICAL PROJECTS

Projects
- **Flappy-Bird Clone** (2019). A clone/recreation of Flappy Bird, built using the JavaFX library for ICS3U class. Java, JavaFX
- **Contacts Application** (2020). Desktop Contact application using the JavaFX library for ICS4U1 class. Java, JavaFX.
- **Competitive Programming** (2017-Present). Solved 700+ competitive programming problems which required knowledge of advanced algorithms and data structures. Additionally, competed in over 20 online contests which included 200-17000 people on both DM::OJ and Codeforces. Java, C/C++, Python

ADDITIONAL EXPERIENCE AND AWARDS

- **Canadian Computing Olympiad (2020):** Placed 13th out of 3000 official Canadian contestants and invited to the University of Waterloo to compete in solving competitive programming challenges.
- **Instructor (2019 – PRESENT):** Taught numerous algorithms and data structures to prepare students for competitive programming competitions.
- **Top 10 Finalist, Hack the 6ix (2018):** Awarded Top 10 prize for Smart Surveillance System hack, out of 100 projects.
- **Top 25%, CEMC (2017 – PRESENT):** Placed in Top 25% for Math and Computer Science Contests (Pascal, Cayley, CIMC, CCC Snr. Div.)
- **Division Finalist, FRC World Championships (2019):** Placed 2nd in Technology Division, out of 80 teams.
- **Bronze Medal, Duke of Edinburgh Award (2019):** Awarded bronze medal for completing Duke of Edinburgh Award.

Languages and Technologies

- C++; Java; JavaScript; HTML; CSS; React; Git; Python; Redux;
- Visual Studio; Firebase; Neo4J; Eclipse; IntelliJ; PyCharm; CLion