Kevin Wang

3B Computer Science   Email: y3229wan@uwaterloo.ca   Cell: 902-316-0615

SUMMARY OF QUALIFICATION

- Fluently using HTML, CSS, JavaScript, SQL during two web developing interns
- Proficiency in C and C++ object-oriented programming, devoted to contributing reliable code
- Experience in Java, Python from school courses and assignments
- Tools: Linux, Git, SSH(Putty), XAMPP, Latex

EDUCATION

- **Candidate for Bachelor of Computer Science**   *Sept. 2018 - present*
  University of Waterloo, Waterloo, ON
- **Core Courses Completed:** Algorithms, Object-Oriented Software Development, Foundations of Sequential Programs, Operation System, User interfaces.
- **Awards:**
  - o Term Dean's Honours List (full course load and with 87+% avg) for 2019 Winter
  - o Euclid math contest top 20% in High school

Work Experience

Full Stack Developer   *01/2021 – 05/2021*

Skills involved: HTML/CSS, JavaScript (Ajax, jQuery), MySQL, C   *SignToBuy Co., Shanghai*

- Developed dynamic web pages and designed user-friendly interface, including optimize search and select orders that significantly improve webpage using experience.
- Responsible for API development for MySQL, contributed reusable and efficient programs.
- Tested existing website and mobile app, provide clear testing report.

➤ **Tech intern**   *05/2020 – 09/2020*

Skills involved: PHP, HTML/CSS, JavaScript, SQL   *City of Toronto, Toronto Water*

- Developed a web app for a MsSQL data management system by using PHP and HTML.
  - Built connection to the database, supported several features such as search, edit and create items in the database by using PHP and SQL query
  - Built a QR-code Scanner in this web app. The scanner mainly implemented in JavaScript to handle the camara and screen display, and the QR-code is recognized by using open-source code from GitHub.
  - Friendly and easy-to-use UI with mobile and PC by working on HTML/CSS.

RELEVANT PROJECTS

➤ **Draw** (Java)   Fall 2020
- Developed a drawing application with drawing shapes on canvas, selecting an object to move and edit, saving and loading. Designed in MVC pattern.

➤ **Audio Signal Processing** (Python)   Fall 2020
- Design a sound signal filter to separate the bird chirping and train whistle by using Discrete Fourier Transform.

➤ **Game Settlers** *(C++)*   *Fall 2019*
- Developed a board game Settlers of Catan, employing common techniques in object-oriented programming, such as abstraction, inheritance, encapsulation, and polymorphism.