

Daniel Jiang

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<https://djiang9001.github.io> | <https://github.com/djiang9001> | <https://www.linkedin.com/in/djiang9001>

Skills

Languages: Java, C++, C, HTML, CSS, JavaScript, PHP, Node.js, Python, XML, Racket

Tools: MySQL, Apache, Git, Visual Studio, Eclipse, Android Studio, VirtualBox

Other: Linux, Functional and Object-Oriented Programming, LAMP

Projects

YouTube Video Downloader (PHP, HTML/CSS/JavaScript, MySQL) **March 2019 - Present**

- Currently implementing a web-based application to get direct download links for Youtube videos of various media formats ([including a purely client-sided version](#)).

To-do List Application (Java, XML, Android Studio) **January 2018 – June 2018**

- Designed a to-do list app using *Java* and *XML* with *Android Studio* that can be used to keep track of due dates, take notes, and record a history of tasks completed, to gain experience in Object-Oriented Android app development

2D Game Prototype (C++, Visual Studio) **December 2018 - Present**

- Implemented a prototype of a 2D side-scrolling endless runner for Windows with *C++* in *Visual Studio*, using Simple DirectMedia Layer (SDL) library, to gain experience in Object-Oriented game development with external libraries

Experience

Aquatic Instructor **July 2017 – June 2018**

Bayview Hill Pool (Town of Richmond Hill)

- Collaborated with co-workers during team trainings for emergency situations to build leadership and teamwork skills
- Adapted lesson plans to fit individual needs of students as they improved, and as new instruction techniques were learned, to optimize the students' learning

Computer Club Member **September 2016 – June 2018**

Bayview Secondary School

- Learned about computing concepts in groups and applied them to solve online computing problems
- Trained individually and in teams in preparation for computing contests

E-sports Competitor **September 2014 – Present**

- Achieved Diamond 4 rank (98th percentile) in a team-based e-sport (*League of Legends*), through teamwork and several hundred hours of dedication towards self-improvement

Education

Bachelor of Computer Science | *University of Waterloo*

(Expected 2023)