James Ah Yong

Software Engineer

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Professional Attributes	• Able to work harmoniously with peers under pressure • Experience with collaborating with people around the globe • Able to problems solve quickly and on the spot (i.e. bug fixes, algorithms, etc.) • Has effective inter-personal skills • Reliable, self-motivated and a quick, independent learner • Fluent in English and French • Strong leadership skills
Skills	**Platform Experience** • Microsoft Windows • Websites/Webapps • Linux (Ubuntu, RHEL, Arch) • Mobile/Android • Cloud Computing (AWS, GCP, Azure) **Software Experience** • Visual Studio • Blender3D • Unity3D • MySQL Workbench • Apache • Android Studio • GIMP • TravisCI • FTP/SFTP • Google AdSense • Inkscape • CircleCI • Git + GitHub • Google Analytics • vim _{emacs sucks} • Kanban boards (Trello) • SSH • Microsoft Office • VS Code • Slack **Programming Experience** • HTML5 • JavaScript/ES6 • Node.JS • PHP • bash/zsh • Bulma • JSON • CSS3/LESS/SASS • ReactJS • Java • MySQL • Bootstrap
Hobbies and Interests	• Video game, website, and contest programming, e.g., Canadian Computing Competition, second place in Peel Region ECOO • Competitive critical-thinking puzzle-solving: alternate reality games, capture-the-flag, escape rooms • Moderating online discussion forums including one with over 20,000 members • Virtual 3D modeling, animating, and various digital art forms • Computer science, chemistry (97th percentile on Avogadro Exam), and physics • Recreational skiing, swimming, tennis, fencing, and archery • Playing acoustic guitar, piano, and electric bass • Teaching people about a wide variety of subjects (formally and informally) • Participating in many clubs at school (e.g. Model UN, DECA, Ski & Snowboard, Peer Mentoring, Band, etc.)
Work Experience	CANADIAN PARTNERSHIP AGAINST CANCER **Web Developer** June – Sept. 2017 Creating a full-stack LAMP/React.JS intranet database management web application to facilitate management of enormous quantities of abstracted data. Collaborating on-site and remotely with a full-time IT team in a corporate setting.

Volunteer Experience

VOLUNTEERING PEEL

Head of Information Technology   Oct. 2017 – Present

Redesign of public and private websites/webapps along with associated infrastructure (i.e. servers via AWS, DNS via GoDaddy, continuous integration and deployment via CircleCI). Recruiting, training, and leading a team of web engineers to ensure long-term sustainability. Facilitating sponsorship deals and migration to serverless architecture.

JOHN FRASER SECONDARY SCHOOL – MISSISSAUGA, ON

Treasurer, Engineering Club/VEX Robotics   2016 – 2018

Managing and facilitating large volume purchases of parts for use in various projects from homemade drones to competitive robotics. Also leading, teaching, and facilitating competitive teams such as VEX Robotics.

Treasurer, Model United Nations   2016 – Present

Enabling excursions to the Southern Ontario Model UN Conference and actively participating in debate to encourage young people to try their hand at solving the world's big problems.

Peer Mentoring   2018 – Present

One-on-one mentoring with ninth grade students to facilitate a smooth transition into high school and organizing school-wide and inter-school events to promote mental health initiatives.

HOPE BIBLE CHURCH – OAKVILLE, ON

Early Childhood and Kids Camp Worker   2014 – Present

Caring for children in the Hope Kids weekend program and summer camps. Responsibilities include supervision, check-in/out, education, and general daycare responsibilities.

LISGAR MIDDLE SCHOOL – MISSISSAUGA, ON

Founder, Coding Club   2013 – 2016

Founder, Rubik's Cube Club   2016

Education

JOHN FRASER SECONDARY SCHOOL   2016 – Present

AP (Advanced Placement, grades 9-12)

The AP program provides opportunities for motivated and prepared students to experience college-level courses while in high school, thereby fostering critical thinking and college persistence and success. Maintaining a 4.0 GPA.

DECA International Competitor

Provincial competitor 2017, 2018, 2019. Competed in Business Law & Ethics at the International Career Development Conference 2019 in Orlando, Florida. Achieved Top 10 Exam award.

THE KNOWLEDGE SOCIETY   2018 – 2019

TKS is Canada's foremost human incubator for giving young people the skills and mindsets to solve the world's biggest problems. Students innovate with machine learning, artificial intelligence, genomics, and other emerging technologies to become a unicorn person, and

apply those skills in consulting challenges with Fortune 500 companies including Walmart and TD Bank.

| LISGAR MIDDLE SCHOOL | 2013 – 2016 |

IBT (International Business and Technology, grades 6-8)

IBT is a program with a focus on 21st century business and technology. Projects include running businesses at a school-hosted trade show and creating digital portfolios. Graduated with honors.

| PLUM TREE PARK PUBLIC SCHOOL | 2008 – 2013 |

French Immersion (grades 1-5)

| Portfolio | PORTFOLIO WEBSITE | https://retrocraft.ca |
| | VOLUNTEERING PEEL | https://volunteeringpeel.org |

References

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QILIN XUE

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