

1A SYSTEMS DESIGN ENGINEERING

SUMMARY OF QUALIFICATIONS

- Proficient in Python, HTML/CSS, and C++; developed a program to help children learn multiplication.
- Familiar with Swift 2, Javascript, Angular JS, and MySQL; built company's beta website.
- Industrious multi-tasking and organizational abilities; balanced design team contributions with the development of various programs such as an organizational tool for educators.
- Responsible and flexible team leader committed to excellence as displayed through course projects and work experience.

PROJECTS

<i>Grade Organization Program for Teachers</i>	<i>Nov. 2015</i>
<ul style="list-style-type: none">• Constructs a histogram detailing mark distributions of students after gathering user input.	
<i>Real and Imaginary Quadratic Root Finder</i>	<i>Nov. 2015</i>
<ul style="list-style-type: none">• Displays the real or imaginary roots of a quadratic whose coefficients are inputted.	
<i>Pi Approximation Loop</i>	<i>Oct. 2015</i>
<ul style="list-style-type: none">• Approximates pi to up to six decimal places, as determined by user input.	
<i>Company Employee Count and Salary Organizer</i>	<i>Oct. 2015</i>
<ul style="list-style-type: none">• Outputs individual and total salaries and employee counts in an organized table.	
<i>Multiplication Education Program for Youth</i>	<i>Sept. 2015</i>
<ul style="list-style-type: none">• Arithmetic-teaching tool developed for children between the grades of 3 to 4.	

WORK EXPERIENCE

<i>Full Stack Developer, Ark Paradigm Inc., Waterloo, ON</i>	<i>Jan. 2016 - Present</i>
<ul style="list-style-type: none">• Constructed a beta website using HTML/CSS, Javascript, Angular JS, Python, and MySQL; solidified knowledge in the mentioned languages.• Developed a multitude of features such as a meta data tracking and visualizing algorithm, as well as web scraping code with the CrunchBase API.	

EDUCATION

<i>Candidate for Bachelor of Applied Science, Systems Design Engineering</i>	<i>Sept. 2015 - 2020 (expected)</i>
University of Waterloo, Waterloo, ON	

ACHIEVEMENTS AND INTERESTS

- Awarded the University of Waterloo Chem 13 News Exam Award of Distinction for scoring the highest on the exam within grade 12 Chemistry class.
- Attained the President's Scholarship of Distinction from the University of Waterloo for displaying a cumulative grade 12 average of 95%.
- Enjoy playing the guitar, double bass, and ukulele.
- Keen with respect to open-minded problem solving; part of a global engineering design team.
- Enthusiastic about running, snowboarding, and video games.