University of Waterloo

Co-operative Work Terms

Ryan Shim
20783691
1B Architectural Engineering, Honours, Co-operative Program

No Co-op Work Term History available

Planned Future Work Term(s)

Sep - Dec 2019

May - Aug 2020

Jan - Apr 2021

Sep - Dec 2021

Sep - Dec 2022

Ryan Shim

416-822-0455| rshim@uwaterloo.ca| University of Waterloo| Architectural Engineering

May 21, 2019

Ryan Shim
98 Havagal Crescent.
Markham, ON
L3P 7G2

Dear Hiring Manager,

It is with great enthusiasm that I am applying to your company for a 4-month work term. I have experience using many languages (Python, MySQL, HTML5, and CSS3) and technologies (Bootstrap4, ReactJs, NodeJs) that will help me for the job. I believe that I have the skillset and motivation to succeed and improve while working for you.

My side projects include a weather app in ReactJs that gets weather API data to display the forecast at cities all over the world. It required knowledge about how to pass state and props, creating a user interface, and how to include search functionality. I have also built a portfolio website that uses Javascript animations, HTML5, CSS3, and the Bootstrap 4 framework. Features include page navigation and responsiveness at different screen sizes. In Python, I have made a solitaire game that uses the pygame library. It was a technically demanding project requiring in depth object oriented programming and creative array manipulation. Overall, I feel that my projects reflect my qualifications for this job.

Thank you for reading through my application and I hope to hear from you from your earliest convenience.

Kind Regards,

Ryan Shim

Ryan Shim

416-822-0455| rshim@uwaterloo.com| University of Waterloo| Architectural Engineering

LANGUAGES: Python, MySQL, HTML5, CSS3, JavaScript

TECHNOLOGIES: Bootstrap4, ReactJs, NodeJs

PROJECTS/SKILLS

WEATHER APP

- Used ReactJs to build a weather app using weather API for data
- Implemented search functionality to find weather in cities all over the world
- Used CSS3 and Bootstrap 4 to improve user interface

SOLITAIRE GAME

- Used Pygame library in Python to build a fully functional solitaire card game
- Implemented object oriented programming for cards, decks, and piles

PORTFOLIO WEBSITE

- Built a portfolio website(ryanshim.ca) using HTML5, CSS3, and, the Bootstrap 4 framework
- Website implements grid system, Javascript animations, visually appealing layouts, and external fonts and icons

MICROSOFT OFFICE

- Strong excel skills shown by making spread sheets for work schedules as a camp counsellor
- Demonstrated ability to make engaging PowerPoint presentations in courses at school

All programming projects can be found on my Github: github.com/RyanShim2000

EXPERIENCES

EVENT COORDINATOR | UNIONVILLE YOUTH COUNCIL | OCTOBER 2017 – MAY 2018

- Organized, led, and promoted face painting and balloon animal events for two hundred children
- Managed four hundred dollars towards props: painting kits and balloons for participating children
- Delegated different roles to team members of the council based on their strengths and abilities

CAMP COUNSELLOR | JUST FOR KIDS CAMP | SUMMER 2015 - 2017

- Demonstrated leadership abilities by promoting safety to campers when facilitating activities
- Built a large-scale snack menu that could feed over one hundred fifty campers

EXTRA CURRICULAR ACTIVITIES

ARCHITECTURAL ENGINEERING CLASS REPRESENTATIVE AT WATERLOO UNIVERSITY | SEPTEMBER 2018 – PRESENT

- Managed $100,000 school funds with other engineering programs for student aid

EDUCATION

BACHELOR'S DEGREE IN ARCHITECTURAL ENGINEERING, BASC | UNIVERSITY OF WATERLOO | ANTICIPATED 2023

UNIVERSITY OF WATERLOO
UNOFFICIAL GRADE REPORT

Ryan Shim
20783691

1B Architectural Engineering, Honours, Co-operative Program

Spring 2019

AE	105	Mechanics 2	
AE	121	Computational Methods	
AE	125	Architectural Graphics Studio	
GENE	123	Elec Circuits & Instrument	
MATH	118	Calculus 2 for Engineering	
GENE	119	Problems Seminar	

Term Average: N/A   Decision:

Winter 2019

PD	20	Eng'g Workplce Skills I:	CR

Term Average: N/A   Decision:

Fall 2018

AE	100	Concepts Studio	76
AE	101	History of Built Environment	73
AE	104	Mechanics 1	92
AE	115	Linear Algebra	84
CHE	102	Chemistry for Engineers	71
MATH	116	Calculus 1 for Engineering	87

Term Average: 79   Decision: Good standing

Ryan Shim

416-822-0455| rshim@uwaterloo.com| University of Waterloo| Architectural Engineering

LANGUAGES: Python, MySQL, HTML5, CSS3, JavaScript

TECHNOLOGIES: Bootstrap4, ReactJs, NodeJs

PROJECTS/SKILLS

WEATHER APP

- Used ReactJs to build a weather app using weather API for data
- Implemented search functionality to find weather in cities all over the world
- Used CSS3 and Bootstrap 4 to improve user interface

SOLITAIRE GAME

- Used Pygame library in Python to build a fully functional solitaire card game
- Implemented object oriented programming for cards, decks, and piles

PORTFOLIO WEBSITE

- Built a portfolio website(ryanshim.ca) using HTML5, CSS3, and, the Bootstrap 4 framework
- Website implements grid system, Javascript animations, visually appealing layouts, and external fonts and icons

MICROSOFT OFFICE

- Strong excel skills shown by making spread sheets for work schedules as a camp counsellor
- Demonstrated ability to make engaging PowerPoint presentations in courses at school

All programming projects can be found on my Github: github.com/RyanShim2000

EXPERIENCES

EVENT COORDINATOR | UNIONVILLE YOUTH COUNCIL | OCTOBER 2017 – MAY 2018

- Organized, led, and promoted face painting and balloon animal events for two hundred children
- Managed four hundred dollars towards props: painting kits and balloons for participating children
- Delegated different roles to team members of the council based on their strengths and abilities

CAMP COUNSELLOR | JUST FOR KIDS CAMP | SUMMER 2015 - 2017

- Demonstrated leadership abilities by promoting safety to campers when facilitating activities
- Built a large-scale snack menu that could feed over one hundred fifty campers

EXTRA CURRICULAR ACTIVITIES

ARCHITECTURAL ENGINEERING CLASS REPRESENTATIVE AT WATERLOO UNIVERSITY | SEPTEMBER 2018 – PRESENT

- Managed $100,000 school funds with other engineering programs for student aid

EDUCATION

BACHELOR'S DEGREE IN ARCHITECTURAL ENGINEERING, BASC | UNIVERSITY OF WATERLOO | ANTICIPATED 2023