



Engineering Co-op Program  
University of Alberta



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w3ichen.github.io



LinkedIn/weichen-q



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# Weichen Qiu

## University of Alberta

### Education

Computer Engineering, BSc Co-op	Class of 2023
Grade Point Average	3.4 / 4.0
Completed Academic Terms	4 of 8
Completed Co-op Work Terms	0 of 5
Availability Starting May 2020	4 months

### SKILLS

Self – Starter	Tech Savvy
Self – Learner	Problem Solver
Creative	Responsible
Active listener	Teamwork

### TECHNICAL SKILLS

DESIGN	MS OFFICE	CREATIVE	PROGRAMMING
SolidWorks	Word	Autodesk Maya	Python
	PowerPoint	Premiere Pro/After Effects	C ++
	Excel	Adobe Audition	Linux
			MatLab
			JavaScript
			Git
			HTML
			CSS
			Assembly

## PROJECTS + CLUBS

PERSONAL WEBSITE | Project | <https://w3ichen.github.io>

- Coded website from scratch using HTML, CSS, and JavaScript to showcase previous creative projects
- All projects are self taught through YouTube videos and online documentation

FUTURE CREATORS | Club

Dec. 2019 – Present

- Student group to teach students in grades 7 to 12 the basics of coding, Arduino, and 3D modeling

MEDIA | Clubs

University of Alberta Taekwondo Club | Social Media Coordinator | YT: @T1tkdClub

Sept. 2019 – Present

- Head of club's media team and managed the club's YouTube channel by posting videos that I edited and filmed

University of Alberta Media Team | FB: @UASUevents

Dec. 2018 – Present

- Captured photos and video of campus events for promotion and advertising
- Welcomed new students to campus as a Week of Welcome (WOW) and New Student Orientation Volunteer

Strathcona High School Digital Media | YT: @StrathconaHighSchool

Sept. 2017 – June 2018

- Spearheaded promotional swim videos, shown at the athletic banquet, from concept to production. Directed and filmed 20 swimmers, scheduled interviews, contacted editors and scanned old yearbook photos
- Pioneered first ever year in review video as the primary video editor after consulting with teachers
- Operated livestream switchboard and video cameras during large school assemblies of 1500 people

## RELEVANT EXPERIENCE

SWIM COACH | Strathcona High School | Volunteer

Sept. 2018 – Present

- Coached a lane of 15 swimmers ranging from beginners to intermediates to win 30+ years of city championships

EARLS KITCHEN + BAR | Food Expeditor | Work

Aug. 2018 – June 2019

- Maintained order, clarified customer requests, and corrected mistakes by communicating to the Sous-Chef and Manager, while working closely with kitchen staff and servers
- Fast-paced, teamwork and communication heavy environment with up to 100+ reservations a night
- Organized dishes according to table, while checking food for correctness and modifications
- Assisted co-workers with their duties: packed Skip-The-Dishes orders and greeted delivery drivers for shift manager, ran clean dishes for servers, and washed dishes in dishwasher's absence
- Worked a max of 20 hours/week, often going overtime and called in on unscheduled days

**NEIGHBORS** | House Sitter + Lawn Mower + Snow Shoveler*July 2016 – Present*

- Mowed the lawn and shoveled snow for neighbors away on vacation; trusted with house and garage keys

**SCONA INITIATIVE** | Volunteer | Strathcona High School*March 2016 - 2018*

- 24-hour student-run Bikeathon with 1000 participants raised half a million dollars each year for one charity
- Fundraised by door to door donations and bottle drives; organized and worked a workshop with 3 people during event

**UALBERTA TRIATHLON** | Race Marshall + Swim Lap Counter | Volunteer*May 2016, 2017*

- Directed bikers and counted laps for swimmers at University's Spring Triathlon sporting event

**FESTIVALS** | Volunteer*2015 – 2018*

- Volunteered at numerous city festivals in positions that interacted with children and the general public
- Festivals: Edmonton International Fringe Festival, Heritage Festival, Ice on Whyte, Taste of Edmonton and more

**CERTIFICATIONS**

Class 5 GDL Driver's License

*Government of Alberta*

Languages

*English, Mandarin, Basic French*

Standard First Aid + CPR + AED

*Apex Training Solutions*

Construction Safety Training

*Alberta Construction Safety Association*

WHMIS Certified

*Alberta Construction Safety Association***AWARDS + SCHOLARSHIPS**

Major Service Award ( 100 + Volunteer Hours )

*Strathcona High School (2018)*

National AP Scholar ( avg score &gt; 4/5 )

*College Board (2018)*

Duke of Edinburgh Bronze

*Duke of Edinburgh International Award Foundation (2017)*

Gold + Silver + Bronze Athletic Award

*Strathcona High School (2018)*

Honours with Distinction ( 90% + )

*Strathcona High School + McKernan School*

Dave Mutch Construction + Woodwork Award

*McKernan School (2015)*

Academic Excellence Scholarship

*University of Alberta (2018)*

AP Scholarship

*University of Alberta (2018)***SPORTS + INTERESTS**

Swimming

Cross-Country Running

Drawing/Sketches

Taekwondo

Badminton

Skiing

Ice Skating

Curling

Ultimate Frisbee

**HACKATHONS**

Hacked Beta 2019 // Coded a variation of AES (advanced encryption system) in a 24-hour hackathon with a team of 5

Hacked 2020 // Web scraped and analyzed public medical data to determine if the patient will die from cancer