

# Jaclyn Chan

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Inquisitive, energetic and responsible individual. An aspiring computer scientist looking for opportunities in software engineering, fintech and product management.

## EDUCATION

**University of Waterloo, Canada** — Sep 2019 - *Present*

Candidate for Bachelor of Computing Financial Management (Co-op)  
GPA: 89/100 – Dean's Honours List Recipient – Computer Science and Finance  
President's Scholarship of Distinction Recipient

**Singapore American School, Singapore** — *Graduated 2018*

High School Diploma GPA: 4.43 Summa Cum Laude Graduate

## TECHNICAL EXPERIENCE

**CPP Investments** — Junior Python Engineering Intern Analyst, *Toronto*

June 2020- Present

- Software engineer internship on the Quantitative Strategy and Risk Premia Team
- Working with the Quantitative Strategies Portfolio Engineering team to build out internal research analytics and platform migration tools and other critical tools

**nuTonomy (Aptiv)** — Robotics Engineer Intern (Embedded Systems), *Singapore*

June 2018- August 2018

- Used **Python** to implement a bandwidth data analysis system
- Executed hardware programming with **C**
- Packaged data analysis programs using **Docker**
- Utilized **Computer Aided Design** with Autodesk Inventor and Fusion 360

**FIRST Robotics Team 4817**— Team Captain and Youth Mentor, *Singapore*

August 2014 - June 2018

- Utilized **Java** in hardware programming, designed the electrical system, harnessed **CAD** to design, and extensively involved in fabrication
- Managed **cross-functional** subteams and lead public outreach campaigns
- Expanded the team from 10 to 30+ members during my leadership

## TECHNICAL PROJECTS

**SpaceLab** — Software and Electrical Lead, *Singapore*

Launched on the SpaceX Falcon 9 on June 4, 2017

- Designed the hardware, electrical and software components of a biology experiment sent to the International Space Station
- A founding member and a mentor for the succeeding team
- Specialized in programming and electrical systems including **PCB** design, **CAD** and sensor programming
- Designed **data capturing systems** and infrastructure of the microlab

**PearShare**— *Angelhack Singapore 2018* - Code for a Cause Impact Winner

- An innovative digital marketplace to reduce food waste and help those in need
- Worked in backend development with **django** rest framework and assisted with frontend in **react.js** (<https://pearshare.github.io/>)

## ACTIVITIES

**TEDxYouth@SAS, Singapore** — *Executive Producer/Lead Organizer*

August 2014 - June 2018

- **Motivated** and mobilized a team of 30+ members to create four cohesive events
- Facilitated event logistics by liaising with third-party caterers and sponsors
- **Collaborated** with finance team to manage budgets of \$25,000+
- Developed **strong project management** and **communication** skills
- Attended TEDFest, an official TED conference, in New York (April 2018)

## TECHNICAL SKILLS

### Proficient

- C/C++
  - Java
  - Racket
  - Python
- Mac OS, Linux  
Command Line, Bash  
Git, GDB  
Microsoft Suite – Excel

### Experienced

- Javascript
- Arduino, RobotC  
Bootstrap, HTML, CSS  
Jira, Docker

## AWARDS

**University of Waterloo**  
President's Scholarship of Distinction Recipient

**Singapore American School**

- PTA Scholar Award
- Technology Senior Award
- Excellence in Robotics Award

Girl Scouts Gold Award

## OTHER ACTIVITIES

**Fashion for Change**  
(October 2019-Present)  
Model and Event Manager

**Women in Finance at UW**  
Founding Member – worked with growth and public outreach

**Dance and Theater**  
12+ years of training in various styles of dance  
3+ years of experience in teaching and choreography  
2+ years in musical theater and A Cappella

**Yoga Instructor**  
200-hr Tirisula Yoga Teacher