

Jaclyn Chan

jdc.jaclyn@gmail.com

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 critical tools, including internal research analytics and platform migration 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** to execute hardware programming, designed the electrical system and harnessed CAD to design and was extensively involved with fabrication
- Managed **cross-functional** subteams and lead public outreach campaigns
- Expanded the team from 10 member 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 that was sent to the International Space Station
- Was a founding member and served as a mentor for the succeeding team
- Specialized in programming and electrical systems for the team including PCB design, CAD and sensor programming
- Designed data capturing systems and infrastructure of microlab

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

- An innovative digital marketplace that reduces food waste to 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

- Facilitated event logistics by liaising with third-party caterers and sponsors
- Motivated and mobilized a team of 30+ members to create four cohesive events
- Collaborated with finance team to create budgets for all subteams
- 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 dance
2+ years in musical theater and A Capella

Yoga Instructor
200-hr Tirisula Yoga Teacher