

# Jaclyn Chan

Computer Science and Finance student seeking opportunities in **software engineering** and **financial technology**

✉ jdc.jaclyn@gmail.com | 🌐 jaclynchan.me

## Skills

**Proficient**, Java, C/C++, Python, Scheme, Bash, Git, Linux, Excel, Jira

**Familiar**, SQL, Javascript, HTML/CSS, Arduino, RobotC, Docker

## Education

**University of Waterloo (UW), Faculty of Math**

Waterloo, Canada

**Candidate for Bachelor of Computing Financial Management**

Sep 2019 - Present

Computer Science and Finance – President's Scholarship of Distinction – Dean's Honors List

**Singapore American School**

Singapore

**High School Diploma**

Graduated 2018

Summa Cum Laude – GPA 4.43 – PTA Scholar Award, Technology Senior Award, Excellence in Robotics Award

## Experience

**CPP Investments**

Toronto, Canada

**Junior Python Engineering Intern Analyst, Quantitative Strategy and Risk Premia**

Jun 2020 - Aug 2020

- Implemented statistical analytics tools for factor investing portfolios using **SQL** and **Pandas** within quantitative equity team
- Collaborated with a team of six to perform a M&A case study in emerging markets for an internal case competition

**nuTonomy**

Singapore

**Robotics Engineer Intern, Embedded Systems**

Jun 2018 - Aug 2018

- Implemented bandwidth data analysis systems with **Python** and packaged analysis programs using **Docker**
- Programmed hardware with **C** and used **Fusion 360** to design protective cases for voltage regulators

**FIRST Robotics**

Singapore

**Team Captain, Youth Mentor, Project Manager**

Aug 2014 - Jun 2018

- Programmed hardware with **Java**, engineered the electrical system, and constructed 125 lb. robots to compete internationally
- Managed **cross-functional** sub-teams, facilitated **logistics** and led outreach, expanding from **10 to 30+ members**

## Projects

**Spacelab@SAS**

Singapore

**Software and Electrical Lead, Founding Member, Mentor**

Launched on the SpaceX Falcon 9 – Jun 4, 2017

- Collaborated with a team of six to design and implement a biology experiment sent to the **International Space Station**
- Successfully granted **SGD\$60k** to be the first student group in Southeast Asia to send an experiment to space
- Specialized in software and electrical systems including **Printed Circuit Board** design, **CAD** and sensor programming
- Responsible for implementing a **data capturing system** with **PBASIC** and conceptualized the infrastructure of the micro lab

## Leadership

**TEDxYouth@SAS**

Singapore

**Executive Producer/Lead Organizer**

Jan 2015 - Jun 2018

- Produced events with **100+ guests** by leading a team of **30+ members**. Oversaw main-stage production including speaker curation, technical theater coordination and rehearsal logistics. Collaborated with finance team to manage budgets of **\$25k+**
- Event managed (2015) entertainment and dining and was selected to attend TEDFest 2018, an official TED conference in NYC

## Extracurriculars

**Women in Finance at UW**, Worked with social media, growth and public outreach

**Fashion for Change**, Model and Event Manager. Organized events with 250+ guests and rehearsed weekly for charity show.

**Performing Arts**, 12+ years of dance training. 3+ years of teaching and choreography. UW AcaBellas (A Cappella)

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