

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, Racket, Bash, Git, Linux, Excel

Experienced, SQL, Javascript, Arduino, RobotC, HTML/CSS, Docker, Jira

Education

University of Waterloo

Waterloo, Canada

Bachelor of Computing Financial Management

Sep 2019 - Present

Computer Science and Finance – President's Scholarship of Distinction – Dean's Honors List – GPA 89/100

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**
- Specialized in software and electrical systems including **Printed Circuit Board** design, **CAD** and sensor programming
- Designed and implemented a **data capturing system** with **PBASIC** and conceptualized the infrastructure of the micro lab

PearShare

Singapore

Angelhack Singapore 2018 – Code for a Cause Winner

Jun 2018

- An innovative digital marketplace to improve food security, reduce food waste
- Worked in backend web development with django rest framework and assisted with frontend in react.js (pearshare.github.io)

Leadership

TEDxYouth@SAS

Singapore

Executive Producer/Lead Organizer

Jan 2015 - Jun 2018

- Developed strong **project management** skills by leading a team of **30+ members** to create four events with **100+ guests**
- Collaborated with finance team to manage budgets of **\$25,000+** and organized event logistics
- Previously served as event manager (2015) and was selected to attend TEDxFest, an official TED conference, in NYC (2018)

Extracurriculars

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

Fashion for Change, Model and Event Manager

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

Yoga Instructor, 200-hr Tirisula Yoga Teacher Certificate