Jaclyn **Chan**

Computer Science and Finance student seeking opportunities in software engineering and product management

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Skills

Languages: Java, C/C++, Python, Scheme, Bash, SQL, HTML/CSS, Arduino, RobotC, Javascript
Experienced with: Git, Jira, Pandas, Linux, Excel, Docker

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
- Designed a visual monitoring system with **OpenCV** and **Raspberry Pi** to allow remote surveillance of HIL-bench

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 – International Space Station via SpaceX Falcon 9
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

Education

University of Waterloo
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 - GPA: 3.90

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

Extracurriculars

Women in Finance at UW, Assisted with public outreach and growth by building the social media strategy.
Performing Arts, 12+ years of dance training. UW AcaBellas (A Cappella - Choreography Lead). UW Cheerleading Team.
Fashion for Change, Model and Event Manager. Organized events with 250+ guests and rehearsed weekly for charity show.
Dance/Yoga Instructor, 3+ years of dance teaching and choreography. Certified 200-hr Tirisula Yoga Teacher.