Jaclyn **Chan**

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

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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

- Working with Quantitative Strategies Portfolio Engineering team to build out internal research analytics with **SQL** and **Pandas**
- Gaining knowledge in investment research, data engineering and portfolio engineering through a formal mentorship program

nuTonomy
Singapore
Robotics Engineer Intern, Embedded Systems
Jun 2018 - Aug 2018

- Used **Python** to implement a bandwidth data analysis systems 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 and Youth Mentor
Aug 2014 - Jun 2018

- Utilized **Java** in hardware programming, engineered the electrical system, and was extensively involved in fabrication
- Managed **cross-functional** sub-teams and led outreach, expanding from **10 to 30+ members** during my leadership

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 students to create 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 TEDFest, 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