JACLYN CHAN

Computer Science and Finance student interested in software engineering, fintech and product management

@ jdc.jaclyn@gmail.com

straightupjac.github.io

in jaclyndchan

straightupjac

TECHNICAL EXPERIENCE

CPP Investments

Junior Python Engineering Intern Analyst (Quantitative Strategy and Risk Premia)

June 2020 - August 2020

■ Toronto, Canada

• Working with the Quantitative Strategies Portfolio Engineering team to build out internal research analytics and platform migration tools and other critical tools

nuTonomy (Aptiv)

Robotics Engineer Intern (Embedded Systems)

June 2018 - August 2018

Singapore

- Used **Python** to implement a bandwidth data analysis system for sensor communications
- Packaged data analysis programs with Docker
- Executed hardware programming with C
- Used Autodesk Inventor and Fusion 360 to design protective cases for voltage regulators

FIRST Robotics Team 4817

Team Captain and Youth Mentor

August 2014 - June 2018

Singapore

- Utilized Java in hardware programming, designed the electrical system, harnessed CAD to design, and was extensively involved in fabrication
- Managed cross-functional sub-teams and lead public outreach campaigns
- Expanded the team from 10 to 30+ members during my leadership

TECHNICAL PROJECTS

SpaceLab@SAS

Software and Electrical Lead, Founding Member, Mentor

SpaceX Falcon 9 Launch on June 4, 2017

- Singapore
- Designed the hardware, electrical and software components of a biology experiment sent to the **International Space Station**
- Specialized in programming and electrical systems including PCB design, CAD and sensor programming
- Designed data capturing systems and infrastructure of the microlab

PearShare

Angelhack Singapore 2018 - Code for a Cause Impact Winner

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

OTHER EXPERIENCE

TEDxYouth@SAS

Executive Producer/Lead Organizer

a January 2015 - June 2018

- Singapore
- Motivated and mobilized a team of 30+ members to create four events with 100+ guests
- Facilitated event logistics by liaising with third-party caterers and sponsors
- Collaborated with finance team to manage operating budgets of \$25,000+
- Developed strong project management and communication skills
- Attended TEDFest, an official TED conference, in New York (April 2018)

EDUCATION

University of Waterloo Bachelor of Computing Financial Management (Co-op)

■ Sep 2019 - Present GPA: 89/100
Dean's Honours List

Singapore American School High School Diploma

Graduated 2018
Summa Cum Laude (GPA:4.43)

TECHNICAL SKILLS

Proficient

C/++ Java Python

Racket Bash Git Linux

Experienced

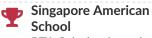
Excel

Javascript Arduino/RobotC

HTML/CSS Docker Jira

AWARDS





PTA Scholar Award, Technology Senior Award, Excellence in Robotics Award



ACTIVITIES

Fashion for Change

Model and Event Manager

Women in Finance at UW

Founding Member – growth and public outreach

Dance and Theater

12+ years of dance training 3+ years in teaching and choreography

2+ years in musical theater and a cappella

Yoga Instructor

200-hr Tirisula Yoga Teacher