

## EDUCATION

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### National University of Singapore (NUS)

- Major: Computer Science, BComp (CAP: 4.43)
- Programming Coursework: Algorithms & Data Structures, Design & Analysis of Algorithms, Database Systems, Networks, Software Engineering, Machine Learning, Computer Vision, Natural Language Processing

Aug 2016 – Present

## WORK EXPERIENCES

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### Software Engineer, Intern – Canoo, Palo Alto, California

- Developed a decentralized web application for peer-to-peer EV charging as proof of concept.
- Implemented multiple features and screens for iOS application which was built from scratch.
- Tested and debugged iOS application to ensure it is ready for production.
- Leveraged knowledge in iOS Dev programmed in Swift, Ethereum, Solidity, Truffle, Drizzle, Reactjs, Git.

Jan 2019 – July 2019

### Data Scientist, Intern – AppZen, San Jose, California

- Reduced false positives on total amount verification, date verification and unauthorized expenses for Chinese receipts by 16%, achieving an accuracy of 82% using custom cache mapping.
- Created test cases for Chinese receipt verification to test for regression.
- Optimized data extraction process by 500% (10 hours to 2 hours) using asynchronous python scripts.
- Leveraged knowledge in Python, Data engineering, Data scraping, Asynchronous scripts.

Aug 2018 – Dec 2018

### Software Engineer, Intern – Kasisto, Singapore

- Created a full stack web application for end-to-end system integration components, primarily to serve as a reference implementation view for internal QA testers.
- Decreased testing time by 40% by creating and integrating a feature on the web testing application which allows testers to convert text to Kasisto's proprietary test framework.
- Leveraged knowledge in Full Stack Web Development, JavaScript, NodeJs with Express, ReactJs with Redux, Git, Websocket (Socket.io), JQuery, HTML.

May 2018 – Jul 2018

### Software Engineer, Intern – SUP, Singapore

- Refactored the web chatbot application built on Django Framework.
- Implemented 2 set of APIs: automated messaging to customers using Sendgrid and Nexmo; uploading and storage of images using AWS S3 buckets.
- Leveraged knowledge in Git, Python, Django, AWS S3 buckets and EC2, Sendgrid, Nexmo.

Sep 2017 – Dec 2017

## ACHIEVEMENTS / SOFTWARE PROJECTS

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**Personal Website:** <https://junquann.github.io/> (for additional information and projects)

### First Place – World Blockchain Hackathon, San Francisco, California

*Decentralized solution that Integrate IOT and Blockchain to solve the problems that supply chains face with refrigeration.*

- Developed an MVP web dashboard application using Reactjs and Ontology APIs
- Utilized: JavaScript, Reactjs, Blockchain, Ontology.

Oct 2018

### First Place – Samsung XR Hackathon, Mountain View, California

*Educational game which aids children in natural learning environment.*

- Created an android application which leverages Samsung's AR technology.
- Utilized: Java, Android Studio, SXR SDK.

Nov 2018

## LEADERSHIP

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### TemTech, Founder

- Spearheaded a student organization that links passionate students with technical projects and guide these students through the software and product development cycle.

Aug 2019 - Present

### Junior Common Room Committee, Sports Director – Temasek Hall

- Restructured the hierarchy and purpose of Sports Management Board by adding core functionalities and assigning each member to a sports team.
- Actively discussed the overall direction for hostel and implemented policies for improvements.

May 2017 – May 2018

## SKILLS

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**Software:** (*proficient*): JavaScript, Git, Python, Reactjs (*familiar*): Swift, Nodejs, Java, SQL, Flutter, HTML/CSS