

# Chen Caijie

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## Experience

**Trabble** *Software Engineer Intern, Singapore, Apr 2020 - Jul 2020*

Trabble automates the business functions of the hospitality industry with an AI-powered chatbot.

- Built a meeting/facility booking tool as the team lead **servicing 15,000 users**
- Facilitated scrum meetings as the **scrum master for 3 weeks**
- Wrote unit and integration tests for existing software
- Suggested improvements to the product that were put on the roadmap

**Coord** *Software Engineer Intern, New York City, Aug 2019 - Mar 2019*

Coord digitizes the curb and transforms the way cities and mobility companies utilize the curb.

- Built parking meter detection functionality that **saved \$500 per month in costs**
- Redesigned, refactored Coord Collection Tool to **improve user experience**
- Built functionality to compute regulations that supported hypothetical scenarios
- Redesigned and rebuilt digital curb view to **better orient user to the actual curb**
- Analyzed Seattle traffic collision data to gain insights about curb management
- Redesigned, refactored Coord Admin Portal that **improved customer onboarding**
- Built Coord Driver App for drivers to **discover parking/loading zones in Manhattan**
- Wrote design documentations for complicated back-end implementations

**DateIdeas** *Software Engineer Intern, Singapore, Dec 2018 - Jan 2019*

DateIdeas is a Digital Advertising Startup that helps couples find things to do in Singapore.

- Created website front-end **entirely from scratch** | [www.dateideassg.com](http://www.dateideassg.com)
- Worked closely with the designer to generate new ideas for mockups
- Presented feature descriptions for the monthly team meeting

## Education

**National University of Singapore** Bachelor of Computing in Computer Science (with Honours)

Graduating May 2021

## Hackathons

**PhishPatrol** | [Ground Zero 2020](#) | Category Champions

PhishPatrol protects the elderly and vulnerable from cybercrime by filtering out spam calls and messages.

**Agora** | [Hack@CEWIT 2020](#) | Best Newbie Hack

Agora facilitates conversations on controversial issues between individuals with polarizing opinions.

**BagX** | [HackNYU 2020](#) | Best Use of Google Cloud

BagX reduces plastic waste through a reusable bag sharing economy.

**Earth's Choice** | [Make the Planet Great Again](#)

Earth's Choice transforms online shopping by recommending users more sustainable alternatives.

## Projects

**PlenR** | React Native Calendar App that facilitates easy scheduling of meetings within teams

**The Food Diary** | Java Applet for keeping track of your favorite restaurants.

## Skills

**Languages:** Java · JavaScript · TypeScript · Go · C# · HTML/CSS/SCSS · C · Python · SQL

**Tech Stack:** React/React Native · Blazor · .NET Core · Docker/Kubernetes · MongoDB · Git/GitHub · Specflow · QGIS · Jupyter Notebook · GeoJSON · Vue.js

## Work Authorization

Singapore Citizen