

# Cunji Song

## EDUCATION

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### -University of California, San Diego

M.S in Mechanical Engineering, GPA 3.67

Anticipated Graduation Dec 2020

-Core course taken: Computer Networking; Advanced Data Structure; Algorithm Design and Analysis

### -Tianjin University (top 10 in China)

B.S in Mechanical Engineering, GPA 3.46

2015.9 -

2019.7

## SKILLS

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- Proficient: Java, Python, C++, git, HTML, CSS, Javascript
- Intermediate: Spring mvc, SQL, Android Studio, JavaScript, Node.js, Arduino

## RELATED EXPERIENCE

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### Garbage classification, San Diego

(October 25 - 27, 2019)

- won Health and Wellness award by building a website that give user recipes from database based on expiration dates and preferences from the photo user uploaded.<https://devpost.com/software/recipe101>
- As the backend I build the relational database with AWS services such as EC2 and RDS
- Language and frameworks: AWS, Sequel Pro, SQL, JavaScript, Python, HTML, CSS, Bootstrap

### Social Network Web Application, San Diego

(Aug 16 2019 - Aug 18 2019)

- Won first prize by implementing javascript extensions in <http://www.tealiumecommerce.com/training>.
- As the backend engineer performed the API call on Visitor Loop Up API and used Postman to conduct API testing. Also ran EventDB Queries with SQL WorkBentch/J.
- Language and frameworks: Tealium Universal Data Hub, Tealium APIs, Postman, SQL, Javascript, Git

### Software Engineering Test Intern, Chengdu Santai Electronic Co Ltd, China

(Jun 2018 - Aug

2018)

- Implemented Junit tests for a receipt printing system as well as its user interface on ATM.
- Learned using git as well as working in a team.
- Language and frameworks: Java, Spring Boot, Spring mvc

## PROJECTS

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### Navigation/Recommendation System

- give the shortest distance between two locations from a file of locations
- Language and frameworks: C++, A\* algorithm

### UCSD GPA Calculator

- Established an Android app that calculates the the GPA of a class based on the student's homework, quiz, midterm and final scores.
- Language and frameworks: Java, Android API, ButterKnife Library