

# JASON CHENG

✉ jasoncheng3443@gmail.com 🌐 jcheng.me 📍 Greater New York City Area  
in jason-cheng-swe 🐙 JasonCheng1

## EDUCATION

Rutgers University- New Brunswick  
Bachelor of Science in Computer Science

Sept. 2018 to May 2022

- GPA: 3.893
- SAS Honors Program
- Phi Beta Kappa
- SAS Excellence Award - Scholarship

## EMPLOYMENT

Amazon  
Incoming Software Development Engineer Intern

Remote  
June 2021 to Aug. 2021

84.51°  
Incoming Software Engineer Co-op

Remote  
Jan. 2021 to Apr. 2021

UnitedHealth Group  
Software Engineer Intern

Basking Ridge, NJ  
June 2020 to Aug. 2020

- Created an employee analytics web app using the MERN stack for the human capital team at United Healthcare
- Leveraged the internal graph database to perform graph analysis on employee digital exhaust data
- Implemented data visualization tools to depict employee communication networks

Rutgers University Learning Center  
Teaching Assistant

New Brunswick, NJ  
Sept. 2019 to Dec. 2019

TA for Introduction to Computer Science (CS111)

Language: Java

- Led and facilitated discussions with approximately 30 students in recitations
- Taught fundamental programming concepts in Java
- Closely collaborated with course instructors to develop a review curriculum for CS111

## RESEARCH

Aresty Research Center · Research Assistant

Sept. 2019 to Apr. 2020

Principal Investigator: Professor Weihong Guo

Topic: Data Analytics for Advanced Vehicle Manufacturing

Language: Python

- Analyzed plant production data to monitor machine status, predict machine faults and identify the root cause of errors
- Utilized methods in statistical quality control, including univariate and multivariate control charts to monitor process control
- Responsible for data preprocessing, visualization, and performing data mining algorithms and statistical analysis

## PROJECT

TeamRU

Sept. 2020 to Current

- Contributor for TeamRU - an open-source Flask based API service for finding and matching students for the Rutgers Hackathon scene
- Designed team membership endpoints to facilitate the joining and leaving of users
- First launched in Fall 2020 HackRU with 25 users

## SKILLS

Languages: Python, SQL, JavaScript, Java, C

Technologies: Git, HTML, CSS, MongoDB, Redux

Frameworks: React, Flask