

# JASON CHENG

✉ jasoncheng3443@gmail.com 🌐 jcheng.me ☎ 334-333-7910 📍 New York City Metropolitan Area  
in jason-cheng-swe 👤 JasonCheng1

## EMPLOYMENT

- |                         |   |
|-------------------------|---|
| June 2020 to Aug. 2020  | <b>Optum · Software Engineer Intern · Basking Ridge, NJ</b> <ul style="list-style-type: none"><li>Designed an employee analytics web app using the MERN stack for the human capital team at United Healthcare</li><li>Leveraged the internal graph database to perform graph analysis on employee digital exhaust data</li><li>Implemented data visualization tools to depict employee networks</li></ul>   |
| Sept. 2019 to Apr. 2020 | <b>Aresty Research Center · Research Assistant · New Brunswick, NJ</b> <p><b>Principal Investigator:</b> Professor Weihong Guo<br/><b>Topic:</b> Data Analytics for Advanced Vehicle Manufacturing<br/><b>Language:</b> Python</p> <ul style="list-style-type: none"><li>Analyzed plant production data to monitor machine status, predict machine faults and identify the root cause of errors</li><li>Utilized methods in statistical quality control including univariate and multivariate control charts to monitor process control</li><li>Responsible for data preprocessing, visualization, and performing data mining algorithms and statistical analysis</li></ul> |
| Sept. 2019 to Dec. 2019 | <b>Rutgers University Learning Center · Teaching Assistant · New Brunswick, NJ</b> <p>TA for Introduction to Computer Science (CS111)<br/><b>Language:</b> Java</p> <ul style="list-style-type: none"><li>Led and facilitated discussions with approximately 30 students in recitations</li><li>Taught fundamental programming concepts in Java</li><li>Closely worked with course instructors to develop a review curriculum for CS111</li></ul>   |

## EDUCATION

- |                        |  |
|------------------------|--|
| Sept. 2018 to May 2022 | <b>Rutgers University- New Brunswick</b><br><b>Bachelor of Science in Computer Science</b><br>GPA: 3.893<br>SAS Honors Program<br>Phi Beta Kappa |
|------------------------|--|

## SKILLS

LANGUAGES	Python, SQL, JavaScript, Java
TECHNOLOGIES	Git, Markdown, HTML, CSS, MongoDB
FRAMEWORKS	React, Redux, Flask

## PROJECTS

- |                       |   |
|-----------------------|---|
| Mar. 2020 to May 2020 | <b>Photo Gallery App</b> <p><b>Language:</b> Java, Android</p> <ul style="list-style-type: none"><li>Created a photo application that allowed multiple users to store their photos in albums using the JavaFX module</li><li>Iterated on the initial project by building an Android version of the original app</li></ul> |
|-----------------------|---|

## AWARDS

- |           |   |
|-----------|---|
| June 2019 | <b>Rutgers University · SAS Excellence Award</b><br>Scholarship |
|-----------|---|

## ACTIVITIES

- |         |   |
|---------|---|
| Current | <b>HackRU R&amp;D Team · Software Developer</b> |
|---------|---|