

# JASON CHENG

✉ jasoncheng3443@gmail.com ☎ 334-333-7910 📍 New York City Metropolitan Area  
in jason-cheng-24ba16167/ 🌐 JasonCheng1

## EMPLOYMENT

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|-------------------------|--|
| June 2020 to Aug. 2020  | United Healthcare Group · Software Engineer Intern · Basking Ridge, NJ<br>TBD  |
| Sept. 2019 to Apr. 2020 | Aresty Research Center · Research Assistant · New Brunswick, NJ<br><b>Principal Investigator:</b> Professor Weihong Guo<br><b>Topic:</b> Data Analytics for Advanced Vehicle Manufacturing<br><b>Language:</b> Python <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 Jan. 2020 | Rutgers University Learning Center · Teaching Assistant · New Brunswick, NJ<br>TA for <b>Introduction to Computer Science (CS111)</b><br><b>Language:</b> Java <ul style="list-style-type: none"><li>Led and facilitated discussions with approximately 30 students in recitations for 2 hours per week</li><li>Taught fundamental programming skills and Java syntax</li><li>Closely worked with course instructors to develop review curriculum for CS111</li></ul>  |

## EDUCATION

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| Sept. 2018 to Current | Rutgers University- New Brunswick<br>Bachelor of Sciences Computer Science<br>Phi Beta Kappa<br>Dean's List<br>SAS Honors Program |
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## SKILLS

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| LANGUAGES    | Python, Java, SQL, C |
| TECHNOLOGIES | Git, Markdown        |

## PROJECTS

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| Mar. 2020 to May 2020 | Photo Gallery<br><b>Language:</b> Java <ul style="list-style-type: none"><li>Implemented a photos 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 App that carried over many of the same features</li></ul> |
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## AWARDS

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| June 2019 | Rutgers University · SAS Excellence Award<br>Scholarship |
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## ACTIVITIES

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| Current | HackRU R&D Team · Software Developer |
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