

JASON CHENG

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in jason-cheng-swe 🐙 JasonCheng1

EMPLOYMENT

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| June 2020 to Aug. 2020 | Optum · Software Engineer Intern · Basking Ridge, NJ <ul style="list-style-type: none">Using React to develop a web app for the Human Capital Team to analyze employee dataLeveraging the internal TigerGraph database for querying and data manipulation |
| Sept. 2019 to Apr. 2020 | Aresty Research Center · Research Assistant · New Brunswick, NJ <p>Principal Investigator: Professor Weihong Guo
Topic: Data Analytics for Advanced Vehicle Manufacturing
Language: Python</p> <ul style="list-style-type: none">Analyzed plant production data to monitor machine status, predict machine faults and identify the root cause of errorsUtilized methods in statistical quality control including univariate and multivariate control charts to monitor process controlResponsible for data preprocessing, visualization, and performing data mining algorithms and statistical analysis |
| Sept. 2019 to Jan. 2020 | Rutgers University Learning Center · Teaching Assistant · New Brunswick, NJ <p>TA for Introduction to Computer Science (CS111)
Language: Java</p> <ul style="list-style-type: none">Led and facilitated discussions with approximately 30 students in recitationsTaught fundamental programming concepts in JavaClosely worked with course instructors to develop review curriculum for CS111 |

EDUCATION

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| Sept. 2018 to Current | Rutgers University- New Brunswick
Bachelor of Science in Computer Science
GPA: 3.893
Dean's List
SAS Honors Program
Phi Beta Kappa |
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SKILLS

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| LANGUAGES | Python, SQL, JavaScript |
| TECHNOLOGIES | Git, Markdown, HTML, CSS |
| FRAMEWORKS | React, Redux |

PROJECTS

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| Mar. 2020 to May 2020 | Photo Gallery App
Language: Java, Android <ul style="list-style-type: none">Implemented a photos application that allowed multiple users to store their photos in albums using the JavaFX moduleIterated on the initial project by building an Android App that carried over many of the same features |
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AWARDS

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| June 2019 | Rutgers University · SAS Excellence Award
Scholarship |
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ACTIVITIES

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| Feb. 2020 to Current | HackRU R&D Team · Software Developer |
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