

# Junjie (Caspar) Chen

<http://caspar0-0.github.io> | 600 West 113th Street, NY, 10025 | (207)286-4242 | [jc5067@columbia.edu](mailto:jc5067@columbia.edu)

## EDUCATION

---

**Columbia University in the City of New York, GPA: 3.67/4.0** **New York**  
**M.A. in Statistics** **Aug. 2018 – Dec. 2019**

**Coursework:** Database, Time Series Analysis, Nonparametric, Machine Learning

**University of Wisconsin – Madison, GPA: 3.54/4.0** **Madison, WI**

**B.S. in Applied Math, Emphasis on Actuarial Science | Certificate in Business** **Aug. 2014 – May. 2018**

**Coursework:** Stochastic Process, Combinatorics, Calculus, Theory of Probability, Theory-Interest & Life Insurance, Actuarial Science Methods I & II, Loss Models I & II, and Actuarial Mathematics I, etc.

## TECHNICAL SKILLS

---

**Programming Language:** R (*data manipulation with dplyr, graphic displays with ggplot2*), SQL, Python, Java, HTML

**Extra:** Passed Exam FM/2 in Dec 2015; Exam P/1 in May 2016; Fulfilled VEE Requirements for Economics, Corporate Finance, & Applied Statistical Methods in May 2018

## PROFESSIONAL EXPERIENCE

---

**China Taiping Insurance Co. Ltd.** **Shanghai**  
**Marketing & Products Department Intern** **July. 2018 – Aug. 2018**

- Analyzed and collected data on insurance products of peer companies by making PowerPoint reports.
- Studied the most up-to-date Chinese government new policies on life insurance and edited corresponding life products policies.

**Shanghai Well C.P.A Partnership** **Shanghai**  
**Auditing Department Intern** **Jun. 2016 – Aug. 2016**

- Assisted external audit work of 15 companies' social insurance by making salary tables and writing reports with accounting software and using Excel to collect and re-examine data documents.
- Contributed audit work for verifying 277 companies' industry and commerce information disclosure by contacting companies with emails and phone calls under Industrial and Commercial Bureau
- Filled in copy tables and used auditing software to provide auditing reports.
- Took part in the municipal geological survey institute of financial audit and capital verification of a commercial bank.
- Examined if the quantity of goods was consistent with the declaration of a wine company.

## PROJECTS

---

**Applied Data Science Project** **Columbia University, Nov. 2018**

- Developed a multivariate linear regression model to fit data in R.
- Demonstrated that African American males have statistically different wages compared to Caucasian males or all other males for a government dataset.
- Applied train-test data splitting, statistical diagnostics and model validation. This is a link to the project website: <https://github.com/Caspar0-0/studious-carnival>

**Linear Regression Project** **University of Wisconsin-Madison, May. 2018**

- Created and concluded the final determinant factors of automobile paid losses for collision for a dataset.
- Performed multiple linear regression model with ANOVA, residual analysis, and VIF as methods in R.