

# Chengsi Gao, CFA

Software Engineer | [chengsigao.com](http://chengsigao.com) | [github.com/chengsig](https://github.com/chengsig) | [linkedin.com/in/chengsi-gao](https://linkedin.com/in/chengsi-gao)

## EXPERIENCE

### Software Engineer Intern @Rithm School

San Francisco, CA Apr 2019 - May 2019

Use Django to build on an existing codebase for the internal resource management system. Work in pairs and solo.

Write tests with Factory Boy and follow test driven development to build the event app and resources list page that give students and staff access.

Build the first API of the backend for students information and implement the front-end with React for student face quiz.

### Investment Management Product Analyst @Morningstar

Chicago, IL Nov 2016 - Dec 2018

Work directly with the CIO and Director of product as the sole source of analytics to ensure the sales team's continuous growth.

Plan new product launch and oversee product sunset.

### Data Analyst @Morningstar

Chicago, IL Apr 2015 - Nov 2016

Improve the monthly performance data collection by 33% measured by time.

Maintain internal SQL and python tools to ensure database accuracy and efficiency.

Provide 500+ US Mutual Funds performance data calculation internally and externally to ensure steady client retention rate.

### Quantitative Research Apprentice @Morningstar

Chicago, IL Apr 2015 - Oct 2015

Build regression models to analyze the relationship between management fees and AUM growth using SQL and R.

### Product Consultant @Morningstar

Chicago, IL Jul 2014 - Mar 2015

Support Morningstar Advisor Workstation institutional clients on data and software functionality.

### Informatics Intern @Forest Pharmaceuticals (Now Allergan)

Earth City, MO Jun 2013 - Aug 2013

Analyze 200+ applications for the data center migration project.

### Genetics Research Assistant @Hendrix College (Dr. A. Duina)

Conway, AR Jun 2012 - Aug 2012

Experiment RNA transcription process with yeast as model

San Francisco, CA

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## SKILLS

### LANGUAGES

Javascript, Python, SQL, HTML, CSS, some experience with R, MATLAB and JAVA.

### TECHNOLOGIES

Django, React, Redux, Flask, Node, Express, PostgreSQL, Bootstrap, jQuery, SQLAlchemy, Tableau.

### FINANCE

CFA Institute Chartered Financial Analyst (CFA) charterholder since Sep, 2018.

## EDUCATION

### Rithm School

San Francisco, CA

Jan-May 2019

Full Stack Web Development

### Washington University in St. Louis

St. Louis, MO

Aug 2012-May 2014

Bachelor of Science in Systems Science & Engineering, Minors in Robotics and Electrical Engineering

GPA 3.7/4.0

Cum Laude

Dean's List

Herman T. and Phenie R. Pott Scholar

### Hendrix College

Conway, AR

Aug 2009-May 2012

Physics 3+2 Dual Degree Engineering program with WashU

GPA 3.5/4.0

Genetics Research Assistant

Division III women's cross country

Habitat for Humanity