# David Chow

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## Experience

**Actuarial Associate, Guardian Life Insurance Company – New York, NY**
April 2023 – Present

**Liberty Mutual Life – Boston, MA**
June 2021 – March 2023
- Developed Python and SQL scripts to automate calculations, data extraction, and reporting workflows.

**Data Scientist, IBM Watson - Jacksonville, Florida**
July 2019 - March 2021
- Worked in a specialized team focused on financial information analysis and prediction modeling
- Developed MATLAB and Python scripts for data extraction and cleaning, reducing research time by 30%
- Aided in the creation of automated trading strategies to improve trading efficiency
- Formulated mathematical models to enhance trade plans and increasing profitability margins by 14%

**Cofounder/Creative Director/AI Systems Designer, Studio Walk the Earth**
January 2016 - January 2018
- Designed and implemented an AI environment system which responds to player action, factoring in millions of possible player actions
- Led several concurrent projects across multiple teams on game projects
- Formulated elaborate stories with many branching storylines

**Software Engineer Intern, Geico - Chevy Chase, MD**
July 2014 - December 2014
- Maintained and scaled application for millions of daily users while communicating for cross-functional teams to align goals regarding product and design

## Skills

Languages: SQL(MySQL, PostgreSQL, NoSQL), Python, MATLAB, AWS
Society of Actuaries (SOA): P Exam  FM Exam, SRM Exam

## Education

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|---|---|
| **New York University** | December 2018 |
| Master of Science in Mathematics | GPA 3.9 |
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| **Rochester Institute of Technology** | May 2014 |
| Bachelor of Science in Computer Science | GPA: 3.6 |