RILEY CHEN

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ACTUARIAL EXAMS

Sitting for SOA Exam P   (November 2025)

EDUCATION

B.S. in Mathematics – Actuarial Science, University at Buffalo   Expected May 2027
Minor: Statistics
Relevant Coursework: Probability, Economics, Statistics, Linear Algebra, Calculus III, Discrete Math, Differential Equations

PROJECTS

Personal Website   May 2022 – Present
Streamlit, Python.

- Developed a responsive personal portfolio using Streamlit to highlight projects, coursework, and technical skills.
- Integrated a contact form and real-time feedback system, increasing user engagement by 50%.
- Applied UX best practices to improve navigation and user retention across desktop and mobile platforms.

Campus Crumbs   August 2023
Python, CSS, HTML.

- Developed a campus-focused food delivery website during a 24-hour hackathon; launched a working platform in under 15 hours.
- Built out full front-end and back-end functionality to ensure fast and seamless order processing.
- Led a team of 4, coordinating tasks and keeping everyone on track to meet the tight deadline.

SKILLS

Programming	Python (NumPy, SciPy, pandas, matplotlib), Streamlit, Java, CSS, HTML
Software	Microsoft Excel, PowerPoint, Outlook, LaTeX, Git
Languages	English, Mandarin, Fuzhounese, Spanish

EXPERIENCE

Sales Associate, Lowe's   Buffalo, NY
May 2024 – August 2024

- Delivered tailored recommendations to 100+ customers weekly, improving conversion rates and service metrics.
- Analyzed seasonal sales data using Excel to forecast product demand; contributed to 40% YoY growth in department revenue.
- Ranked top 10% in regional customer satisfaction based on post-purchase survey data.

General Manager, China Wok   Grand Island, NY
February 2021 – May 2023

- Managed daily operations, budgeting, and payroll for a high-volume restaurant, improving cost efficiency by 18%.
- Used Excel to track and visualize revenue trends and optimize inventory control.
- Boosted online engagement by 110% through targeted updates and insights on Google Business Analytics.